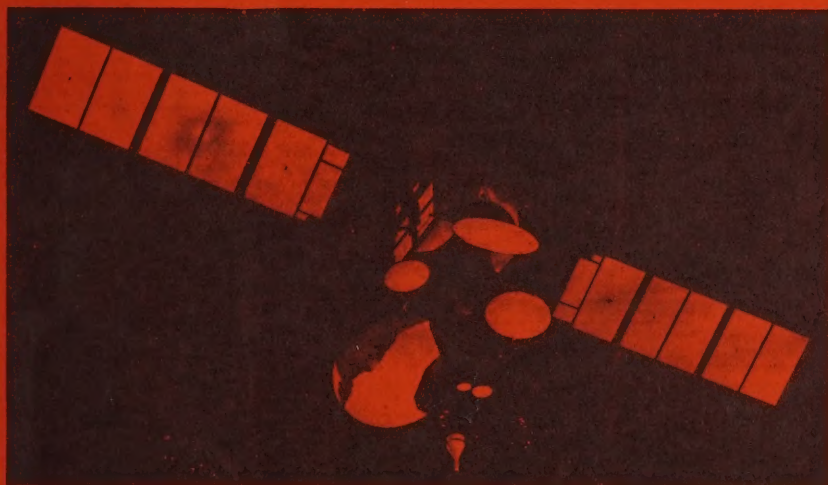


Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

OCTOBER 1991

SATELLITE NEWS'



✦

ANNUAL REVIEW
OF VIDEO
SERVICES

Video



'91
CONFERENCE

Profile

45 MINUTES FILLED WITH HIGHLIGHTS OF THE 1991 WTFDA CONVENTION IN DUNKIRK, NEW YORK. IF YOU WERE THERE, YOU'LL WANT A COPY! IF YOU'VE NEVER ATTENDED A WTFDA GET-TOGETHER, YOU'LL BE ABLE TO SAMPLE THE ATMOSPHERE OF THIS ANNUAL EVENT!

MEET 30 OF YOUR FELLOW DXers AS THEY PASS ALONG PERSONAL GREETINGS!

GREAT FOR A DXer CHRISTMAS GIFT!

**SEEING IS
BELIEVING!**



TO ORDER, SEND \$6.00 (U.S.) TO: TOM BRYANT, 849 TODD PREIS DRIVE, NASHVILLE, TN 37221. (Specify VHS or Beta.) Cost includes a new cassette and first class return postage.

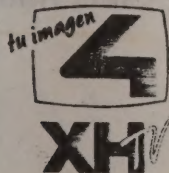
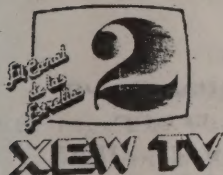
ORDER NOW...BEFORE YOU FORGET!

QSL CORNER & LOGOS RUN

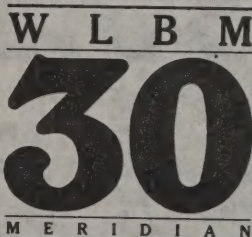
Thomas J. Yelinek, Jr. K43TCC, 221 Dinewood Road, Baltimore, MD 21222-2345

QSLs items from Hank Holbrook and Robert Ross so here goes.

MD WDIH 90.3 Salisbury, P. O. Box 186, zip 21801. Letter from Rev. Dr. George A. Copeland, with reply in 6 months after one follow-up report. 380 watts. (Holbrook)
 DE WXPZ 101.3 Milford, P. O. Box 555, zip 19963. Letter from Bill Sammons, Jr. General Manager reply in 20 days as Delaware first Christian station, id's as Preise 101.3 FM (Holbrook)
 PA WXPX 88.5 Philadelphia, % University of PA, 3905 Spruce St, zip 19104. Letter & bumper stickers from Scott D. Fowler, Tech. Dir. in 20 days. (Holbrook)
 FL WGLF 104.1 Tallahassee, Box 1815, zip 32302. (PFC = Prepared File Card for QSL Purposes) PFC back in 2 weeks signed by Bill Marriott. (Ross)
 PA WMXE 103.7 Erie, Box 1184, zip 16512. PRC in 3 weeks from an unreadable, Program Director. (Ross)
 FL WNFH 94.3 Lake City, Box 3299, zip 32056-3299. PRC in 2 weeks from Dean Blackwell. (Ross)
 PA WFRJ 88.9 Johnstown, % 290 Hegenberger Rd., Oakland, CA 94621 (Family Radio Hq's) PFC & letter in 3 weeks from P.M.Zelman (?) (Ross)
 ME 2 WLBZ, Bangor, Box 934, zip 04401. PFC & letter from Jim Chadwick, CE in 2 weeks. (Ross)
 GA WGPC 104.5 Albany, 2011 Gillionville Rd., zip 31707. PRC in 3 weeks from L. M. George, President (Ross)
 LA KDEA 99.1 New Iberia, Box 12948, zip 70582-2948. PFC & letter in month from Rick Morel, CE. (Ross)
 ONT CJFT 101.1 Fort Erie, Box 530, L2A 5V1. PFC in 2 weeks from William McDougall. (Ross)
 GA WGNP 90.7 Albany, % Box 338, Valdosta, GA 31803. PFC in weeks from William J. Tidwell. (Ross)
 MN KCRB 88.5 Bemidji, Box 578, zip 56601. New state qsl'd # 33 on FM. PFC & letter in 2 weeks from Marilyn Huber, Station Manager. (Ross)
 FL WOLZ 95.3 Fort Myers, 4210 Metro Parkway # 315, zip 33916. PFC in 2 weeks from Kevin Pierce, GM. (Ross)
 FL WDFL 106.1 Cross City, Box 2220, zip 32828. PFC & card in 1 month from Gil Gilmore, KB4EY, Mgr. (Ross)
 GA WCHY 94.1 Savannah, Box 1247, zip 31402. PFC & sticker from Martin Foglio, jr. CE (Ross)
 MN KBEM 88.5 Minneapolis, 1555 James Ave., zip 55411-3197. PFC & letter in 3 weeks from Wayne A. Selly, Tech. Supervisor. (Ross)
 FL WMGF 107.7 Mount Dora, % 2001 N. Mercy Dr., Orlando, FL 32808. PFC & business card in 3 weeks from Dennis Sloatman, Tech. Dir.



We're your station!

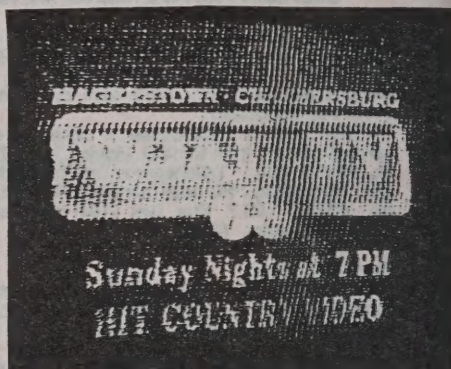


Hope everyone who attended the 1991 WTFDA Convention at Dunkirk New York had as great a time as I had. Thanks again the this years host Bob Seybold. The first 2 DX fotos are from Dave Nieman - Akron, NY



W53AM

Utica New York
156 mile tropo
seen May 13, 1991
at 0846 ET

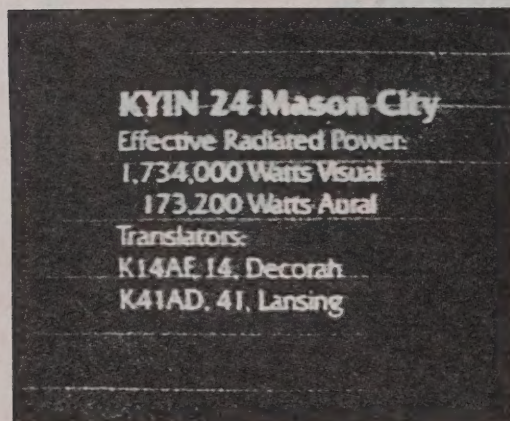


WJAL-68

Hagerstown, Maryland
215 mile tropo
seen May 15, 1991
at 0900 ET

Thanks to Western TV-DX editor Fred McCormack for letting me know the location & call as W69CE Towanda, PA, for my mystery channel 69 repeater of WNEP-16 Scranton, PA. Dave

NEW REPORTER is Robert Kramer - Chicago, IL DX equipment: 1978 RCA 19" b&w, 1982 Sony 19" color set and Mitsubishi FXV stereo VCR. Antennas:(VHF) Archer V-185 at 56', (UHF) Archer U-120 at 60' with CDE heavy duty rotor, three (3) Radio Shack adjustable amplifiers, traps & attenuators. Photo equipment: Ricoh XRM 35mm SLR (has setting to sync with TV pictures, eliminating the bar usually present in most SLRs) loaded with Kodak T-Max 400 film and mounted on a Bogan professional tripod, using an electronic cable release. (nice meeting you Bob at the WTFDA Convention djn)



KYIN-24

Mason City, Iowa
307 mile tropo
seen May 29, 1991
at 0000 CDT

more from Bob on the next page....

Robert Kramer continued....

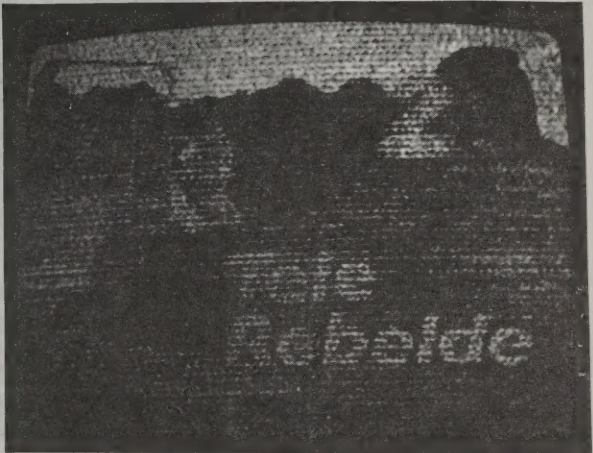
KIMT-3
Mason City, Iowa
307 mile tropo
seen July 7, 1991
at 0030 CDT



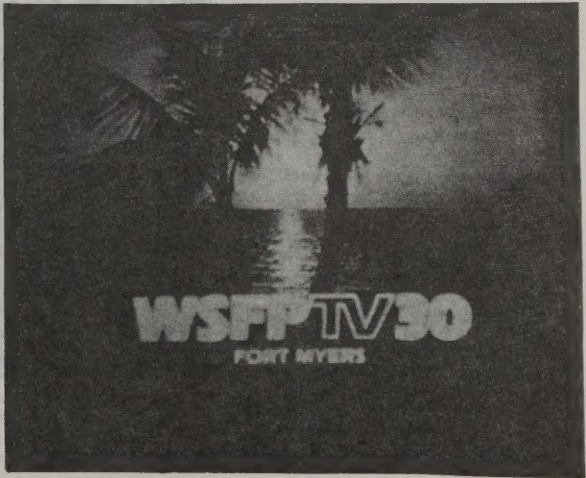
Tranks Robert, hope to see more from you.

NEW REPORTER is
Chris Dunne - Pembroke Pines, FL
"I have no great VHF or UHF TV
antenna, but the Archer FM does
quite well for VHF in my opinion.
I have a second Archer (FM djn)
for DXpeditions. I only have a
simple bowtie antenna for U's."
Photo equipment: Canon Sure Shot
loaded with Kodak ASA 100 film.

TELE REBELDE-13
Matanzas, Cuba
(1988 edition WRTVM verified djn)
210 mile tropo
seen earlier 1991
at 2345 EST



WSFP-30
Ft. Myers, Florida
100 mile tropo
seen Mar. 19, 1991



more from Chris on the next page.

Chris Dunne continued....

WFLA-8

Tampa, Florida

170 mile tropo

seen Mar. 19, 1991

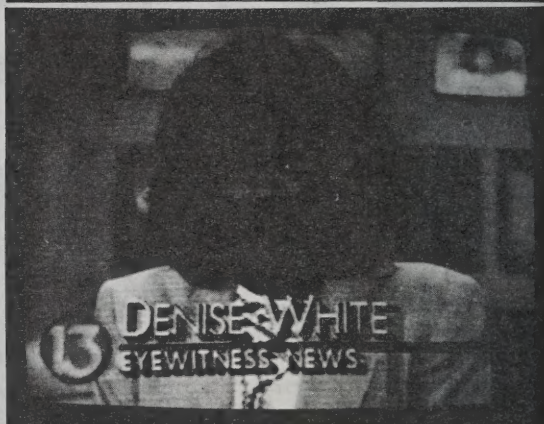


WTVT-13

Tampa, Florida

170 mile tropo

seen Mar. 19, 1991

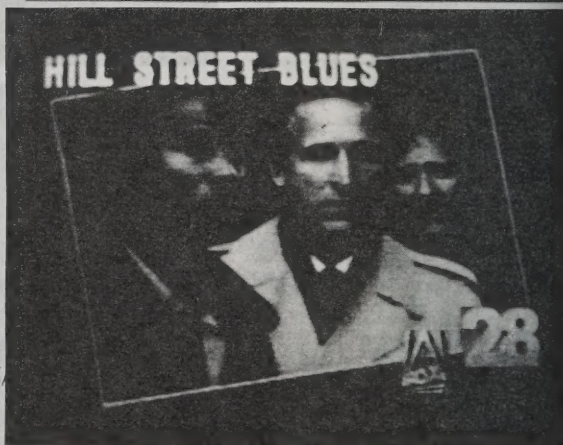


WFTS-28

Tampa, Florida

170 mile tropo

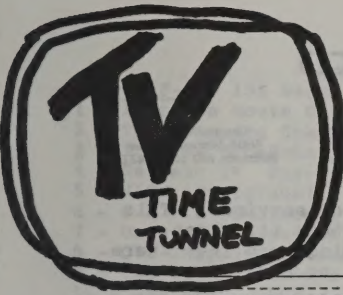
seen Mar. 19, 1991



Thanks Chris, hope to see more from your southeast Florida location.

Next month we'll have some 1991 WFTD Convention fotos. So if one of convention attendees out there has a group shot they could send in please do so. It will be returned.

Till next time. DAVE



W A N T E D - Crisp, high-contrast pictures (or photocopies) of old test patterns and ID's. Prefer to get material from stations which have changed call letters or channel; or no longer exist. Any material submitted will be returned upon request. The 'PATTERNS' column several months ago proved to be popular; thus the request for more material in that area.

-----Submitted by Tom Bryant
849 Todd Preis Dr.
Nashville, TN 37221

" D O G S "

Unlike Benji, Lassie or Rin-Tin-Tin..these are the 'dogs' of the program departments. Remember (or try to forget, if you prefer) a few less than stellar moments in the history of television.

A.E.S. HUDSON STREET: [ABC 3/23/78-4/20/78] This Barney Miller spinoff with an emergency room setting was so bad that the network pulled it before it had even been on for a month. The lead actor was Barney Miller alumnus Gregory Sierra.

IVAN THE TERRIBLE: [CBS 8/21/76-9/18/76] This five week summer borschtfest created a great yawn all across television land. It was the story of nine Russians living in a small apartment in Moscow. (Maybe they should try this one again...it might just fly, considering the upsurge in American interest in the USSR.)

THE MARY MARGARET McBRIDE SHOW: [NBC 9/21/48-12/14/48] Many early tv entertainers were transplants from radio. As is sometimes the case with transplants...this one didn't take; and suffered from massive audience rejection. WCBS must have loved this 13 week cur which starred the well known radio interview show hostess.

YOUNG DAN'L BOONE: [CBS 9/12/77-10/4/77] This mongrel only made it for four episodes! Lead actor (you hardly get to be a STAR in 4 episodes) was Rick Moses. Don't confuse this one with 'DANIEL BOONE'..a successful venture that ran for six seasons on NBC. So much for coonskin calamities!

YOURS FOR A SONG: [ABC prime time 11/14/61-9/18/62; daytime 12/61-3/6] Although this fleabag lasted longer than the shows previously mentioned, it merited mention by virtue of the fact that it was hosted by Bert Parks. The 'Miss America' crooner sang parts of songs to contestants who had to supply the missing lyrics to win the bucks. That's enough to make any mutt howl!

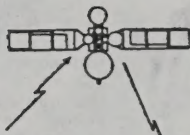
OZMOE: [ABC 3/6/51-4/12/51] Don't remember it? Lucky you! This dog's breakfast was a twice-weekly puppet show featuring a monkey named Ozmo, a leprechaun named Rhodo Dhon't, a mermaid called Misty Waters (sounds X-rated to me); along with Poe the Crow, Sam the Clam, Horatio the caterpillar, and Throckmorton the sea serpent. Wow...what a lineup!

JOE GARAGIOLA'S MEMORY GAME: [NBC 2/15/71-7/30/71] The 'Peacock Network' never seemed to stop hunting for places to use Garagiola. The sports pro turned broadcaster popped up on several talk and game shows throughout his NBC career. This daytime brain-buster apparently ran out of grey matter in a hurry!

THE DON HO SHOW: [ABC 10/25/76-3/4/77] No matter how entranced tourists became with the music of Hawaii; the steel guitars and lilting rhythms of luau-land never washed up any ratings on Arbitron Beach. The host, Don Ho, was well known in the Islands; and had been featured for years on the Mutual Radio Network show "Hawaii Calls".

NEXT MONTH: Photo Feature/early WCAU-tv

SATELLITE NEWS



George W. Jensen
4604 Anntana Avenue
Baltimore, MD 21206-4220

And now the final of the yearly reviews of services. This time - the video services. I have kept this till last owing to the many satellite switches coming soon, but there is some limit as to how long I can wait...so here goes.... All of this is as of early August 1991.....

Satcom C-5 (Aurora 2) 139 West (the first # will always be the transponder/channel)

- 7 - NBC feed - usually in the clear
- 24 - Alaska Satellite TV

Satcom C-1 137 West

- 7 - Prime Ticket - Los Angeles VC2
- 10 - HSE - Home Sports Entertainment VC2
- 17 - Prime Network (temporary) VC2
- 20 - Pacific Sports Network VC2
- 22 - Pacific Sports Northwest VC2
- Cal-Span Days
- 24 - Sun Network VC2

Galaxy 1 133 West

- 1 - Comedy Central - East
- 2 - Nashville Network VC2
- 3 - WGN - Ch. 9 - Chicago, Illinois VC2
- 4 - Disney - east VC2
- 5 - Showtime - East VC2
- 6 - Shop-At-Home occ.
- ESPN Blackout Channel VC2
- 7 - CNN - Cable News Network VC2
- 8 - CNN Headline News VC2
- 9 - E.S.P.N. - VC2
- 10 - The Movie Channel East VC2
- 11 - The Family Channel - East VC2
- 12 - Arts and Entertainment VC2
- 13 - Country Music Television
- 14 - The Movie Channel - West VC2
- 15 - WWOR - Ch. 9 Secaucus, NJ (New York, New York VC2
- 16 - Showtime - West VC2
- 17 - TNT VC2
- 18 - Superstation TBS (WTBS) Ch 17 - Atlanta, Georgia VC2
- 19 - Cinemax - East VC2
- 20 - Galavision
- 21 - USA - East VC2
- 22 - Discovery Channel VC2
- 23 - HBO - East VC2
- 24 - Disney - West VC2

TBS

The **Disney** Channel

SHOWTIME®

Satcom F-1 - 131 West

- 1 - American Movie Classics VC2
- 2 - The Learning Channel
- 3 - Trinity Broadcasting
- 4 - Request TV Pay-Per-View VC2
- 5 - VISON (religious)
- 6 - C.N.B.C (Business)
- 7 - Univision (Spanish)
- 8 - QVC Shopping Channel
- 9 - The Travel Channel
- 10 - USA West VC2
- 11 - Prime Network (9/91) VC2
- 12 - Court TV
- 13 - HBO West VC2
- 14 - Family Channel West VC2
- 15 - E! Entertainment TV
- 16 - Encore VC2
- 17 - Lifetime West VC2
- 18 - New Inspiration Network
- 19 - open
- 20 - B.E.T - Black Entertainment Network
- 21 - Request TV Pay-Per-View VC2
- 22 - Home Shopping Club 2
- 23 - Cinemax West VC2
- 24 - Bravo VC2 RAI listed here days but I have not seen it

ASC I - 128 West

no video on C-Band at this time, but has been noted in past 6 channels on Ku-Band - have noted 2 TP's using MAC encryption on daily 24 hours. Check for news feeds during busy election periods. They do carry them.

G-Star 4 125 West Ku only

No regularly scheduled audio noted. Feeds predominate ID card moves around.

Telstar 303 - 125 West

- 1 - TVN Cinema 1 VC2
- 2 - TVN Cinema 2 VC2
- 3 - TVN Cinema 3 VC2
- 4 - TVN Cinema 4 VC2
- 5 - TVN Cinema 5 VC2
- 6 - TVN Cinema 6 VC2
- 7 - TVN Cinema 7 VC2
- 8 - TVN Cinema 8 VC2
- 9 - TVN Cinema 9 VC2
- 18 - Fox Network feeds
- 20 - TVN Cinema 10 VC2
- 23 - Fox Network feeds
- 24 - TVN Promo/Barker Channel

SBS 5 - 123 west Ku only

Primarily feeds and teleconferences - no regularly scheduled video at this time

ENCORE
HIT MOVIES OF THE '60s, '70s, & '80s

Westar 5 - 122.5 West

- 1 - CNN feeds
 - 2 - Dr. Eugene Scott - University Network (religious)
 - 3 - CNN Headline news feeds
 - 4 - feeds
 - 6 - Caribbean Superstation - occasionally
 - 13 - CTNA - Catholic Telecommunications Network Oak/Orion
 - 16 - SportSouth VC2
 - 17 - feeds
 - 18 - Group W Pittsburgh feeds
 - 20 - Sports Channel Mid-West VC2
- generally other transponders are used for various feeds

Spacenet 1 - 120 West C and Ku bands

- 2 - Univision feeds
 - 3 - PBS C channel feeds VC2
 - 4 - Univision feeds
 - 5 - PBS B Channel feeds VC2
 - 7 - 3 Angels
 - 9 - PBS D Channel feeds VC2
 - 11 - occ Hospital Satellite Network Oak/Orion
 - 15 - QSO Amateur Radio Program - Mondays (moving to S-3??)
 - 17 - US Sat Corp
 - 18 - Feeds
 - 23 - PBS A Channel VC2
- Ku Band is generally used for news feeds - no regular video noted

Anik C-3 - 117.5 West KU only

Used for occasional feeds only - no regularly scheduled video

Morelos 2 - 116.5 West C and Ku

- 2 - occasional feeds
 - 8 - XHGC - Ch. 5 Mexico City, Mexico
 - 9 - video noted - no ID
 - 10 - feeds
 - 11 - Multideporte (Sports channel)
 - 13 - XEIPN - Ch. 11 - Mexico City, Mexico
 - 14 - XEW - Ch 2 Mexico City, Mexico
 - 4 - TNT Latin America with MAC system (from 16)
- NO KU noted here

Morelos 1 - 113.5 West C and Ku

- 2 - XHIMT - Imevision Ch. Mexico City, Mexico
 - 5 - feeds MAC
 - 8 - XHDF - ch. 13 - Imevision Mexico City, Mexico
 - 11 - video noted
 - 14 - XHTV - Ch. 4 - Mexico City, Mexico
 - 18 - feeds
 - 21 - XHLQR - Chetumal, Quintana Roo, Mexico (Yucatan)
- No Ku noted here, but others have noted Imevision!
on 11.8520

Anik D2 - 110.5 West

- 7 - feeds
- 8 - feeds
- 11 - weather Network
- 12 - CTV feeds Leitch system
- 14 - feeds
- 15 - Vision TV
- 16 - CTV feeds - Leitch System
- 17 - Canal 5 Eurotelle (Quebec relay)
- 19 - feeds
- 20 - Canada Home Shopping Club
- 22 - First Choice - The Movie Network VC2
- 23 - CBC Worldnews Channel Oak/Orion
- 24 - CTV Network - Leitch system

Anik C-2 - 110 West Ku Only

Used primarily for news and other feeds- no regular programming except
XPDR 30 (using a Uniden receiver) CBC Worldnews Channel

ANIK C-1 107.3 West Ku only - ALL OF THIS REPLACED
HOPEFULLY, BY THE TIME YOU READ THIS

- 2 - Musique Plus
- 4 - Atlantic satellite Network
- 6 - Super Ecran VC2
- 10 - Radio Quebec
- 12 - Quatre Saisons Network
- 14 - Canal Famille VC2
- 16 - ROS - French Sports Network VC2
- 18 - TV Ontario - French
- 20 - TV Ontario - English
- 24 - OntaRIO Legislature
- 26 - YTV
- 28 - Family Channel VC2

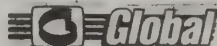
G-Star 2 105 West Ku only

Generally used for feeds and teleconferences.
The Law Education Channel is usually quite active daily

ANIK D1 - 104.5 West

ALL OF THE REPLACED HOPEFULLY, BY THE TIME YOU READ THIS
BY THE NEW ANIK E1 OR E2

- 2 - The Sports Network - Oak/Orion
- 4 - Global Network Feeds
- 6 - MuchMusic
- 7 - CBC Newfoundland feeds
- 8 - CHCH Ch. 11 Hamilton, Ontario Oak/Orion
- 9 - WDIV - Ch. 4 Detroit Michigan Oak/Orion
- 10 - WXYZ - Ch. 7 Detroit, Michigan Oak/Orion
- 11 - CBC North - Pacific/Yukon feeds
- 14 - CFTM - Montreal Quebec Oak/Orion
- 15 - CBC French Network
- 17 - CBC Newfoundland/Labrador feeds
- 18 - CITV Ch. 13 Edmonton, Alberta Oak/Orion
- 19 - CBC North - Atlantic Service
- 20 - CBMT - Ch. 6 Montreal, Quebec (English)
- 21 - WTVS - Ch. 56 - Detroit, Michigan Oak/Orion
- 22 - CHAN - Ch. 8 Vancouver, British Columbia Oak/Orion
- 23 - WJBK - Ch. 2 - Detroit, Michigan Oak/Orion
- 24 - CBC House of Commons Service



G-Star 1 103 West Ku only

Used primarily for feeds and teleconferences. However
NTU - The National Technological University used several transponders on a full time basis for educational program.

Spacenet 4 - 101 West C and KU

This was to have been ASC 2, but instead was purchased and renamed. May take the place of rapidly aging westar 4.
This could be happening as you read this - if all elements of this hybrid satellite are working.

SBS 6 99 West Ku only

No regularly scheduled services on this bird, but
ID card noted and useage for feeds and teleconferences

Westar 4 - 99 West

- 6 - Shepherd's Chapel/National Christian Network
- 9 - Keystone Inspiration Network
- 17 - World Harvest Television
- 18 - ABC feed

rest of this satellite is primarily feeds

SBS 1 - 99 West - Inactive

SBS 2 - 97 West - NOT inactive, but in inclined fuel saving orbit.

- 24 - NBC News Channel

- 28 - News Feeds using the Uniden receiver

Telstar 301 - 96 West

- 2 - CBS feed - VC1 system
- 3 - Warner Brothers feeds
- 4 - ABC
- 6 ABC
- 7 - CBS feeds
- 9 - Warner Brothers/Paramount/Wold feeds
- 10 - ABC
- 11- ABC
- 12 - ABC

In general the rest of this bird is for network and syndicated program feeds.

SBS 3 - 95 West Ku only

Mostly MAC Encrypted the old Hi-Net Communications services are here Satellite Cinema and other program services to Holiday Inns. Also CONUS News Channel/American Law Network The latter items are not encrypted.

Galaxy 3 - 93.5 West

- 2 - Fox National Program
- 7 - ACTS Television
- 8 - Home Shopping Club
- 9 - QVC Shopping Network
- 10 - EWTN - religious
- 11 - Mind Extention University
- 12 - Nu-Star CableVision promos
- 13 - Weather Channel Vc2
- 14 - C-Span II - US Senate
- 15 - Video Hits I VH1 VC2
- 16 - Viewer's Choice Pay-Per-View VC2
- 17 - MTV - East VC2
- 18 - MTV West VC2
- 19 - Nickelodeon/Nick-At-Night - East VC2
- 20 - Lifetime - East VC2
- 21 - Viewers' Choice - PPV VC2
- 22 - Nickelodeon/Nick-At-Night West VC2
- 23 - Comedy Central - West
- 24 - C-Span 1 - US House of Representatives

G-Star 3 - 93 West Ku only - In inclined orbit.
Used primarily for feeds and teleconferences. Requires
N/S movement of dish due to inclination.

Galaxy 6 - 91 West

Feeds everywhere

15 - ID Channel

21 - Helen Television Service - daily evenings at

7PM Eastern from castries, St. Lucia - West Indies

23 - Superior Livestock Auction

SBS 4 - 91 West Ku only

Computerland Television Network noted

Used primarily for feeds and teleconferences. No permanent
video noted

Spacenet 3 - 87 West C and Ku

Again on the Ku side - used primarily for feeds and
teleconferences

C - see below

2 - Nebraska Public Television

3 - WSBK - Ch. 38 - Boston, Massachusetts VC2

4 - Nebraska Public Television

5 - KTVT - Ch. 11 - Dallas, Texas VC2

9 - WPIX - Ch. 11 - New York, New York VC2

11 - Action Pay-Per-View VC2

15 - KTLA - Ch. 5 - Los Angeles, California VC2

16 - has been used by Encore as a barker channel

19 - Collectors Showcase

21 - PASS Sports Channel VC2

23 - Home Team Sports VC2

Telstar 302 - 85 West

A network feed channel primarily for CBS which may be
found on transponders 7, 15, 16, 17, 18, 19, 20, 21,
22, generally using the VC1 encryption system. ABC also
uses transponders 10 and 11.

Newly reported is the Bikini Dating Party on transponders
1, 13 and 24 using a VC2 system.

RCA K1 - 85 West Ku only

Home of the new Prime Star DBS service using a MAC type
of encryption. This takes up most of the transponders.
Nothing else has been noted.

Satcom 4 - 82 West

1 - Sports Channel Cincinnati

2 - Sports Channel Pacific VC2

3 - Sports Channel America

4 - Cable Video Store PPV VC2

5 - Family Network

6 - Madison Square Garden Network VC2

7 - Sports Channel New York VC2

8 - Program Guide

9 - Sports Channel Chicago

10 - SportsChannel???

11 - Sports Channel New York Plus VC2

12 - International Channel

13 - New England Sports Network VC2

14 - Sports Channel Florida

15 - Shop-At-Home

16 - Sports Channel Ohio

17 - Sports Channel Philadelphia

18 - Spice PPV VC2

19 - Sports Channel Chicago Plus

20 - World Monitor Channel

21 - Nostalgia Channel

22 - Silent Net/Amer. Disab. Net DAYS/Playboy - Night VC2

23 - Sports Channel - New England VC2

24 - Satellite Market USA

Satcom K2 81 West Ku only

Using the Uniden format

2/3 - NBC East

7 NBC West

8 - Cycle Sat News Service

28 - North American Chinese Network

NBC and others feeds vary on other transponders

Galaxy 2 - 74 west

1 - CNN International - leitch system

4 - feeds

5 - CNN New York Feeds

7 - WHP - Ch. 21 harrisburg, pennsylvania for lottery feeds PM's
rest of the satellite is used for horseracing

and other feeds using a multitude of encryption systems

Satcom 2 - 72 West

1 - KUSA Ch. 9 - Denver, Colorado VC2

2 - WBBM Ch. 2 - Chicago, illinois VC2

3 - KMGH - Ch. 7 - Denver, Colorado VC2

4 - WABC - Ch. 7 - New York, New York VC2

5 - NASA feeds

7 - All News Channel VC2

11 - Home Shopping Club Spree

12 - WXIA - Ch. 11 - Atlanta, Georgia VC2

13 - N.A.S.A. / Goddard Space Flight Center etc.

17 - KWGN - Ch. 2 - Denver, Colorado VC2

18 - KRMA - Ch. 6 - Denver, Colorado VC2

20 - International feeds

21 - JISO News Organization feeds to Japan and others

22 - KCNC - Ch. 4 - Denver, Colorado VC2

23 - International feeds

24 - International feeds

Spacenet 2 69 West C and Ku

Ku - Florida News Network

Kentucky ETV Feeds

Tie-In Network

Other feeds and teleconferences noted.

On the C-Band side:

5 - Channel America

7 - Telemundo and others feeds

9 - Telemundo Network

10 - Galavision to Europe (PAL 619 line format)

11 - ESPN International MAC system

17 - Telemundo feeds

19 - KBL Sports Pittsburgh, Pennsylvania VC2

20 - AFRTS - Armed Forces Radio Television Service MAC

21 - WorldNet (USIA)

23 - SCOLA

Brazilsat - 65 West

Nothing noted here due to footprint into Brazil - tho some
in S Florida may get flicker off of this with large enough
dish and low enough LNB.

Intelsat VA F13 - 53 West

1, 4 and 24 were Argentina and are now spot beamed to Argentina so I can't give eyewitness reporting of this. The same is true of TV Peru Ch 7 - Lima which is now also spot beamed to Peru.

11 V - Serte Paris etc in NTSC, PAL and SECAM using a West spot

14 - BBC/ITN and others in PAL and NTSC (rarely) WEST or Hemi beam.

15 - NEW - an as yet unidentified Argentine Sports Channel is PAL.

16 - BTI London feed to CBC and US networks usually in NTSC

No video noted on Ku Band

PanAmSat - 45 West C and Ku

C - below

1 - CNN in MAC

15 - CNN feeds in Spanish - Telemundo Univision etc...

10 Possibly ESPN in MAC

2 - Television Nacional de Chile

22 - Panamericana Television - Pantel - Ch. 5 Lima, Peru

23 - ??????? seems to be in MAC

on KU side --

1 - TV Japan - NHK

other feeds may be noted from time to time in NTSC and PAL.

Intelsat V f4 - 34.5 West

24 - using a global beam for news feeds

check SCPC for Greenland Radio - Also operates on an inclined orbit so may be difficult to track

Intelsat VA F 4 27.5 West

2H - Television Spain - International (RTE International)

10 V - Brightstar

11 H - NBC London

14 - ABC London

15 - Worldnet

16 - CBS London

18 - CNN TelAviv

No Ku noted

21 - FBIS/CIA - MAC

Ku is directed to Europe

Intelsat VIA F2 24.5 West

24 - only video seems here in global beam No Ku noted

Intelsat V F2 - 21.5 West

nothing noted here - is in inclined orbit

Intelsat V F6 - 18.5 West

24 - Using global beam for news feeds - not noted recently

Gorizont - 14 West

1 - Program 1 Moscow

6 - Cubavision and others

none of this noted recently

Gorizont - 11 West

Did carry 3 channels

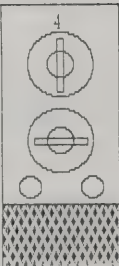
1 of feeds and 2 of national networks

That's all for now folks. Any additions or corrections PLEASE let me know. Next review - next summer. See you in 30 - Till then '73's

George

Television News

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W3WT @ W4HHV.TN



ABBREVIATIONS USED IN THIS COLUMN:

ERP= Effective Radiated Power, in kW
HAAT=Height Above Average Terrain, in meters
nc= No change
TL= Transmitter Location

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
MA	35	500	258	WWLA	Lewiston
NC	47	12.3	97	WRMY	Rocky Mount
(New TL: 35°57'03"N, 77°55'37"W)					
SC	36	147	233	WCTP	Charleston
(New TL: 32°47'15"N, 79°51'00"W)					

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

St	Ch	ERP	HAAT	Call	City
FL	58	490	49	WAWD	Ft. Walton Beach
(New TL: 30°23'35"N, 86°29'41"W)					
GA	54	2491	385	WFXG	Augusta
IA	22	883.4	39	KFSC	Waterloo
KY	49	2786	602	WDKA	Paducah
MS	40	4624	142	WBUY	Holly Springs
OH	53	3250	207	WWAT	Chilli-cothe
OR	23	12.4	190	KMTZ	Coos Bay
OR	40	2100	530	KCVF	Portland
PA	53	12.2	222	WILF	Williamsport

(suspect this will be a satellite of WOLF-38 Scranton)

RI	69	17.7	38	WOST-TV	Block Island
SD	12	275	259	KIID	Huron
TN	50	4508	239	WPGD	Hendersonville
(New TL: 36°28'04"N, 86°28'51"W)					
TX	29	4070	149	KMPX	Decatur
TX	47	240	178	KTAQ	Greenville
TX	55	3033	303	KLDT	Lake Dallas
UT	16	5000	57	KZAR-TV	Provo

APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
MS	29	922.6	598	WMPN-TV	Jackson
OH	43	4680	336	WUAB	Lorain
(New TL: 41°22'45"N, 81°43'12"W)					
VA	14	2880	173	WTMW	Arlington

CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
AL	25	1652	354	WHIQ	Huntsville
AL	34	1120	142	WDAU	Ozark
AZ	13	302	622	KOLD-TV	Tucson
CO	50	2498	233	KTDC	Denver
(New TL: 39°43'59"N, 105°14'12"W)					
CO	8	233	728	KTSC	Pueblo
(Probably new TL: Cheyenne Mtn., where KKTU-11 and KRDO-13 are)					
FL	26	2786	304	WAYQ	Daytona Beach
FL	4	100	304	WTVJ	Miami
IL	13	302	302	WCCE	Mount Vernon
IN	34	276	221	WNIT-TV	South Bend
MA	38	2370	354	WSBK-TV	Boston
MI	29	2000	399	WGTU	Traverse City
MO	62	2183	340	KZKC	Kansas City
MO	3	100	339	KTVO	Kirksville
(Looks like the 2000' tower won't be going back up..)					
MS	19	1611	478	WMAH-TV	Biloxi
MS	30	1600	187	WGBC	Meridian
(New TL: 32°19'34"N, 88°41'12"W)					
NC	4	100	310	WUNC-TV	Chapel Hill
NC	28	5000	585	WPTF-TV	Durham
NC	17	2139	551	WUNE-TV	Linville
(New TL: 36°03'47"N, 81°50'33"W)					
NC	26	5000	504	WUNL-TV	Winston-Salem
NM	7	51.3	1244	KOAT-TV	Albuquerque
NV	2	89.1	656	KTVN	Reno
(another Reno station goes to full ERP/HAAT..)					
OH	16	1500	351	WPTD	Kettering
OR	34	3070	259	KEVU	Eugene
PA	35	1918	284	WYBE	Philadelphia
TX	4	100	399	KDFW-TV	Dallas
TX	51	4683	381	KFKK	Longview
VA	14	2880	173	WTMW	Arlington
(New TL: 38°56'24"N, 77°04'54"W)					
VA	56	1259	215	WNVC	Fairfax
VA	53	2290	230	WNVF	Goldvein
VT	33	1337	20	WETK	Burlington
(Yikes, 20m HAAT? OSHA will <u>never</u> approve!)					
WI	25	560	306	WLAX	LaCrosse

NEW STATIONS ON THE AIR

Ozark, AL: WDAU 34-: 2/22/91:
1128kW, 142m HAAT/140m AG/219m ASL.
TL 31°12'30"N, 86°36'51"W
Fox affil.
(Ozark is near Dothan, in SE Ala.)

Venice, FL: WBSV-TV 62z: 05/03/91:
4650kW, 167/166/170m.
TL 27°06'01"N, 82°22'18"W
Independent
(Venice is about 60km south of Tampa)

Macon, GA: WGNM 64-: 11/20/90:
51.3kW, 185/209/300m.
TL 32°44'58"N, 83°33'35"W
Independent

Monroe, GA: WHSG 63z: 03/15/91:
 3396kW, 363/583/845m.
 TL 33°44'22"N, 84°00'14"W
 TBN (Trinity) affil.
 (Monroe is about midway between
 Athens and Atlanta on US-78)

Hammond, IN: WJYS 62+: 03/02/91:
 5000kW, 1465/144/355m.
 TL 41°33'10"N, 87°47'09"W
 Independent. (reported with Home
 Shopping)
 (Hammond is a Chicago suburb)

Baton Rouge, LA: WGMB 44?:
09/10/91:
 3871kW, 426m(HAAT)
 TL unknown
 Independent. (probably Fox)

Missoula, MT: KMTF 23-: 11/16/90:
 3676kW, 641/76/2146m.
 TL 47°01'10"N, 114°00'46"W
 ABC affil.

Eugene, OR:KEPB-TV 28-: 9/27/90:
 3070kW, 259/43/456m.
 TL 44°00'04"N, 123°06'22"W
 PBS affil.

Bethlehem, PA: WBPH-TV 60-:
12/27/90:
 60kW, 214/40/350m.
 TL 40°37'33"N, 75°15'19"W
 Independent

Jackson, WY: KJVI 2z: 9/1/90:
 0.19kW, 304/3/2454m.
 TL 43°27'42"N, 110°45'09"W
 ABC affil, satellite of KPVI-6.

CALL LETTERS ASSIGNED TO NEW STATIONS

St	Ch	Call	City
AR	42	KVUT	Little Rock
CA	43	KSDI	Clovis
FL	64	WWFG	Inverness
FL	8	WWFD	Key West
HI	21	KWHM	Wailuku
(LeSea: to be religious)			
IA		KQCT	Davenport
ID	9	KTMW	Caldwell
ID	26	KCDT	Coeur d'Alene
IN	69	WTBU	Indianapolis
LA	44	WGMB	Baton Rouge
LA	45	KWLB	Shreveport
MS	28	WQHM	McComb
NJ	63	WMBC-TV	Newton
OR	23	KMTZ	Coos Bay
(presumably to be a satellite of KMTR-16 Eugene?)			
TX	28	KYLE	Bryan
TX	19	KLSB-TV	Nacogdoches
WY	10	KFNE	Riverton

CALL LETTER CHANGES FOR EXISTING STATIONS

St	Ch	New	Old	City
AL	68	WABM	WCAJ	Birmingham
CA	45	KUZZ-TV	KDOJ-TV	Bakersfield
CA	15	KPBS	KPBS-TV	San Diego

CALL LETTER CHANGES FOR EXISTING STATIONS (Cont'd)

St	Ch	New	Old	City
CA	38	KCNS	KWBB	San Francisco
CO		KCEC	KSHP	Denver
IL	23	WIFR	WIFR-TV	Freeport
MN	3	KDLH	KDLH-TV	Duluth
MN	29	KITN-TV	KITN	Minneapolis
MO	62	KSMO-TV	KZKC	Kansas City
MS	30	WGBC	WLBW-TV	Meridian
OK	41	KTFO	KGCT-TV	Tulsa
PA	8	WGAL	WGAL-TV	Lancaster
TX	51	KFXK	KLMG-TV	Longview

CONSTRUCTION PERMITS CANCELLED

Ch	Call	St	City
50	WHPI	KY	Ashland
4	WDZI	NC	Manteo

STATIONS OFF THE AIR

Ch	Call	St	City
40	KPOL	AZ	Tucson
49	WCCL	LA	New Orleans
46	WHRC	MA	Norwell
19	WPTJ	PA	Johnstown

ADDITIONS TO THE TABLE OF CHANNEL ASSIGNMENTS

Ch	St	City
46	OR	Roseburg

OTHER STUFF

"Show Cause" orders have been issued against Timothy Brumlik & NewSouth Broadcasting (partially owned by Brumlik). They're being asked to show why the FCC shouldn't revoke the licenses of WFXL-31 Albany, GA; W13BO Valdosta, GA; and W07BZ Orlando/W12CC Cocoa/W12CD Altamonte Springs, all Florida. Brumlik was convicted of cocaine possession last year.

FORUM

Regarding William Draeb's comments about WPNE-38 being on reduced power, I pass along the following: "The antenna and transmission line center conductor are in the process of being replaced at this station (with Andrew products, I believe). A temporary antenna and temporary transmission line are being utilized in conjunction with a reduction in transmitter output to keep the station on-the-air while the replacement project is progressing. I don't know the exact status of the project at this time and don't know if the authorized ERP will change after completion of the project--will check on both and let you know shortly."

application or CP for a facilities change at WPNE, I'd assume they'll return to previous facilities when the work is completed.

As far as the channel 3 with *Arsenio Hall* reported to August ETVDX, my understanding is that Arsenio is not a Fox program, even though most of the stations carrying it are Fox affiliates. As there's no Fox affiliate in the Wilmington, NC market, I suspect Bill saw WWAY-3..

Locally, the Video Jukebox on channel 59 disappeared during a thunderstorm in July. The channel 68 outlet is now IDing with its own call (it had been operating parallel with 59) so I suspect 59 isn't coming back. Too bad; 59 was stronger here.

Regarding Harry Hayes' comments about WOLF/WWLF relaying WNEP-16 news, while it may have happened first in Wilkes-Barre, I know it's also happening elsewhere. Hereabouts, WSMV-4's *Scene At 6:00* is replayed at 1900 CT on WXMT-30, and carried live on at least one AM radio station. And WTVF-5's 6PM newscast is carried live on at least two FM stations, along with a handful of AMs. During the Congressional elections last November, KCNC-4 in Denver purchased several hours of time on KDVR-31, allowing them to air continuous election coverage on channel 31 without dropping the high-rated prime-time NBC programming on channel 4. I suspect we'll be seeing more of this kind of cooperative venture over the next few years..

This column is somewhat longer than normal, courtesy of Bill Fahber, who sent along 6 months worth of research. Bill asked me to print the following, and I think it'll fill in the question marks I know at least a few WTFDA members had about the end of his column:

The 3/91 "From The Staff" did not give the full story behind my resignation as editor of TV News. I gave only sufficient information to explain that I had to give it up.

Upon coming home from work on 1/25/91, I found that my wife had taken off for greener pastures with my computer, after 20 years of a happy marriage, or so I thought. She left me with the three children, of which I am glad. She refused to return the equipment, most of which was a personal gift to me from others. This left me totally unable to do the column or update the TV Station Data Base.

Since then, the kids and I moved in with my mother, who is in very

poor health, and our home was recently sold. With the income of the house and a substantial raise at my job (I am now a licensed New Jersey Land Surveyor), I was able to clear most of my debts, and plan to purchase an IBM compatible computer in the near future. Hopefully, I can update my TV station list. To Yingling was a great help in converting my Commodore files to IB ASCII, so all that work can be salvaged.

However, with going to school part time, driving to a job 40 miles away and other responsibilities, I had over the years become difficult to enjoy the hobby, do the research, update the list and do the monthly column, and half the time I couldn't even get the column done. Often I was up until 2AM completing the deadline, with only a few hours sleep before driving 40 miles to work. I no longer had time to enjoy the hobby.

I appreciate the many comments. I have received in the past ten years, but if the column was of high quality, it was because of the time put into it, and that is too much for one person. That is why I'm offering to provide the research if somebody else would do the column, and I'm sure Doug will do a fine job.

I also started building up a new DX system at this location, and hope to start sending in DX reports in the near future. My new address is: 98 Summit Ave., Bridgeton NJ 08302-2933.

*Sincerely,
(signed) Bill Fahber*

Bill also asked whether I wanted to print HAAT/AG/ASL data in meters or feet, remarking that the FCC is now using meters. Personally, I don't have any trouble with the metric system, and since it saves a lot of conversions, I intend to stick with meters. A large volume of negative mail may change my mind. Conversion to feet is really pretty easy: add 10%, then multiply by 3. For example, WAYQ-26 above listed a 304m HAAT; add 10% or 30m to get 334m, then multiply by 3 to get 1002'. When converted with the precise formula, you get 997', a error of less than 0.5%.

73 Doug

FM NEWS

Bruce F. Elving, Ph.D., Editor
Box 336
Esko MN 55733-0336

Readers' Reports and Selectivithings

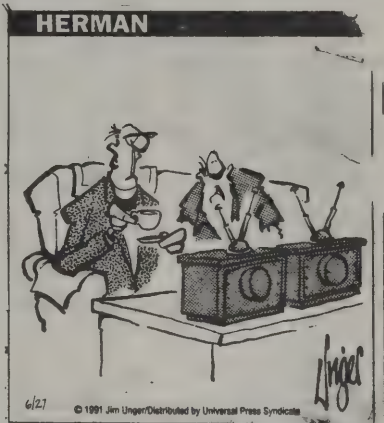
One of the people I had the pleasure of seeing at the NAB convention, Dave Nieman, sent news of CJXY being the new calls for Hamilton ON, 95.3 (was CKDS). Also included: a legal note of WEZQ 107.7 Wethersfield filing for a 50-watt translator on 107.3 in Buffalo. There's a complex arrangement whereby WGRF 96.9 (ex-WGR-FM) Buffalo will program and sell ads for WUFX 103.3 and its AM adjunct. Some firings have happened, but this is seen a way WUFX can survive and still pay off its creditors. He's getting CJMJ 100.3 Ottawa, in stereo, "Magic 100" but not strict, and sent long color photos, including WNED-FM *94.5 and WJLB-98 162.550 in Buffalo. His picture of the WSBU 88.3 St. Bonaventure NY antenna definitely looks like separate horizontal and vertical polarizations (not horizontal alone, as FCC datalist shows).

W. R. McIntosh corrected on KBIG 104.3 L.A. and is not carrying Japanese on its SCS; instead it's all data or computers. "About the use of 'lame'—may I suggest the words 'limp', 'weak' or 'flaccid' instead? After all, why irritate people if it's not necessary? It wastes too many precious column-inches and serves no useful purpose." [The use of "lame" is not unique to this column: Doonesbury, Sept. 15, had it: "Sometimes the material we're given is a little lame. On those occasions, we're forced to 'wing it'!"]

Mc continues: "Although I have all the equipment on hand to start experimenting with FM antenna phasing, other sudden demands on my time have delayed my getting at it." Regarding my near drowning incident, Mc says "I couldn't float either; last time I tried. . . 'Sorting out stations interfering at alternate channels'. That's not too difficult—it's those 'adjacent channels' that give me a workout. Only narrowed IFs have done it for me to date. Have a government surplus tunable receiver, with really beautiful shape-factor filters. I'll bet they cost Uncle Sam plenty."

Bill Nienajadly and I both have 110 kHz filters on order, with Digi-Key promising October delivery. "Yes," I gave phasing a shot. My outside Radio Shack element with an indoor rabbit ears hooked up with a variable attenuator on the Radio Shack side. This limited set-up enables me to get WPLR 99.1 New Haven CT despite WAWZ *99.1 Zarephath NJ (much closer) under ideal conditions. . . Same results with WDRE vs. WOBN 102.7; WDRE much closer and local-like. I do need another outside antenna for better results. I did manage to knock down WFAS-FM 103.9 from 80 db to 55 db, but I'll have to wait for an outside set-up or tropes to get closest unheard 103.9 Jenkintown PA. Every NJ DXer already logged WIBF-FM Jenkintown but me. . . W276AQ Fort Lee NJ now rebroadcasting WBAB 102.3 Babylon LI. What next?" He included this cartoon, which might apply more to a FCC-TV column. "I ordered 30 filters (150) from Hosfelt. Hope you don't mind; I referred DXers to contact you about modifying

radios. I am not set up to do business thru the mail, but you are. So you could use the \$\$\$ anyway," encourages Bill. WFME (94.7 Newark)'s 67 is Russian, and it costs



"They don't have an 18-inch in stock to use as a radio antenna."

\$30 to rent a receiver. "What a rip off, for only ONE channel. . . Bruce, build phase boxes!"

Alain Pepin provided more info on stations he received having stereo, but these were mono: WCKA 97.1 Sutton WV, WOLR *91.3 Lake City FL, and WNCM 88.1 Jacksonville. I have written WNCM to try to find out if they have discontinued stereo on all their programs, or if they might have correctly turned their stereo off when carrying a monophonic program.

Sending info on the monophonic all-ads format for WDDQ 92.1 Adel GA is Nick Lombardi. The station is intended to draw tourists along the interstate to stop in and patronize the station owner's motel, restaurant and shops. It may eventually carry ads for other businesses, and the all-ads' format is legal under the present deregulation-oriented FCC.

Tom Bryant sent an article out of "Broadcasting" mentioning KTAO 101.5 Rossmore NM. "To Go 50 kw Solar." The article is totally misleading in that KTAO might have the equivalent of 50 kw (C2), but is only 1000 watts radiated power at 876 m, not the "50,000 watts" quoted in the article. Probably they only need to generate 250 watts to achieve 1 kw radiated with antenna gain (eight bays, h & v). Solar should be operational for them this month. "Enjoyed meeting you in Dunkirk. . . great weekend, but too short!"

"Thanks very much for the speedy service on my 'Flea Market Book Sale' order from the June, 1991, VUD," writes Jim Korn, who went on to mention stations in his area having stereo, and the status of various translators in CA.

From FL, Dave Bright gave a rundown of Tallahassee FM, including WHBX's having moved to 96.1 from 95.9.

WANM 1070 "is lower than ever and probably will never again be No. 1. Black-oriented WHBX, WFHT and student WAMF have taken command (just as I predicted to co-workers). A local paper said 106.1 would be on 'in October'. Has not announced format [or call letters]." WMLO 104.9 Havana no DXing cinch, saying it's 3600 watts, not yet the 47,000 h&v it's supposed to go to. "VUD reporters are still confusing these two: WFSU *88.9 news, NPR; WFSQ *91.5 classical."

A shorter column this month than usual, so here's material from my September FMedia! This column may not appear in the VUD next month as I settle in earnest on doing a 14th edition "FM Atlas." See you when I can, and look below for the "See Also" feature culled from September's report-filled VHF-UHF Digest.

New FM Station Grants

AL Meridianville (Huntsville) 94.1 1800 watts horizontal, vertical; 122 m, Virginia Griffith
AR North Little Rock 101.1 3000 h.v.; 100 m
CA Orcutt KGDP-FM 95.7 3400 h.v.; 277 m
CA Santa Rosa *91.1 170 h.v.; 223 m
FL Chiefland WLDH-FM 97.3 3000 h.v.; 100 m
FL Quincy WTPS 107.0 3000 h.v.; 100 m
GA Atlanta WFOX 1 97.1 10,000-w booster of Gainesville station [T. Wood & Assoc.
GA Hogansville WEIZ 97.5 3000 h.v.; 100 m, g
HI Volcano (19-26-00; 155-15-42, SW of Hilo) 107.7 3000 h.v.; 64 m, Mary Miho-Finley
IL Augusta *101.1 1000 h, 188 m, g
KS Copeland (SW of Dodge City) 98.1 100000 h.v.; 240 m, Sound Bestg., Inc.
KJIL 99.1 100000 h.v.; 293 m, g, Great Plains Christian Radio [Alpha Bestg.
KS Liberal 105.1 50000 h.v.; 150 m, g
KS Minneapolis 92.7 6000 h.v.; 100 m, Belinda S.
MI Essexville 97.3 3000 h.v.; 100 m
MI Rockford WFEN 102.3 5400 h.v.; 99 m
MN Rushford KWNO-FM 99.3 6000 h.v.; 100 m
NH Walpole 96.3 1200 h.v.; 155 m
NY Middletown *91.7 750 h.v.; 208 m, WAMC, \$, c, on "this fall"
OK Nowata 101.5 6000 h.v.; 100 m, BSB
OR Medford *91.7 1300 h.v.; 155 m, g, First Baptist Church of Medford
SD Huron KZTS 105.1 6000 h.v.; 65 m
VA South Boston 95.3 2700 h.v.; 151 m, Virginie Bestg.
WA Davenport 102.5 3000 h.v.; 22 m
WV Lost Creek WOTR 96.3 3000 h.v.; 92 m
PQ Brisay (see FM Atlas-6 for town location)
CBFZ *92.1 440 h.v., CKAC- 94.3 440 h.v., both Club Social le Grande
TA Nuevo Laredo XHML 97.1 \$, on air, "Esterio Recuerdo" power unknown
TA Tampico 97.7 \$, 1, TM SCS at 67 h.v., "Esterio Noventa y Ocho," call power unknown
Call Letters Assigned or Changed
AZ Green Valley 92.1 KQSN (from KQYT)
AR Berryville 107.1 KTHS-FM (KSCC)
AR Hot Springs Village 92.9 KVRE, 3000 h.v.; 100 m
AR Texarkana 104.7 KTOY [Juice"
CA EastPorterville 100.5 KOJJ (KPOR), "The"
CA Greenfield 99.5 KSUR-FM (KSUR)
CA Los Banos 104.7 KHTN (KSNM), "Hot 105"

CA Oxnard 102.9 KLSM
CA Shingle Springs 101.9 KFIA-FM (KLIQ); AM is in Carmichael CA [Great Radio]
CA Ventura 107.1 KAGR (KAXX), "Absolutely/
CO Boulder 94.7 KSSP (KHHI), but "not planning to use KSSP" call
CO Cortez 97.9 KISZ (KISZ-FM)
CT Ledyard 106.5 WVN
FL Cedar Key 102.7 WVMN
FL Marianna 94.1 WBNF (WSEJ)
GA Montezuma 92.5 WMLL
GA Omega 107.5 WQBQ (WXJF)
GA Springfield 103.9 WQQT (WSEC)
GA Sylvania 106.5 WZBX
HI Princeville 98.9 KBQB
ID Preston 96.7 KACH-FM
IN Indianapolis 96.3 WHHH
IN Burlington 95.1 WVN
IA Burlington 93.5 KMMI (KDWD)
KS Coffeyville 98.9 KUSN (KQOF), k[ountry]
KY Ashland 93.7 WRVC-FM (WRVC-FM; AM in Huntington WV gets new calls)
KY Hawesville 105.7 WLME
KY Horse Cave 100.7 WLMK
LA Bunkie 104.3 KEZP (KRBB)
MA Fitchburg 104.5 WXLO-FM (WXLO)
MA West Yarmouth 94.9 WXTX (WOCB-FM)
MI Boyne City 93.5 WBCN (WCLX)
MI Leland 94.3 WTRV (WLEL), \$, o, "Grand T Traverse 94," simulcast with WAIR 92.5 Adanta MI
MN Le Sueur 96.1 KQXA
MN Richfield 101.3 KDWB-FM (KDWB-FM)
MO Savannah 92.7 KSJQ (KXGY)
MT Glasgow 105.5 K288EM (from K288DW).
MT Missoula 97.2 K24AA
100.1 K200-FM (K200)
MT Whitefish 106.3 K292CD (K292CC)
NV Reno 101.7 KOH-FM (KTRX), p, \$, \$
NH Lancaster 102.3 WLGW-FM
NH New Durham *91.7 WWP
NJ Atlantic City *89.7 WJNJ
NJ Dover Township *91.1 WJNJ (WKTW)
NM Alamogordo 105.3 KZZX (KINN)
NM Armijo 107.1 KUCU (KMYI), k
NM Central 95.3 KZTT
NY Jeffersonville 106.1 WPD
NY Malone 96.5 WVN
NY Webster 102.7 WLMF
NC Clinton 107.1 WMXS (WCLN-FM)
OH Greenfield 97.5 WVN
OH South Webster 94.9 WZIO
PA Burnham 96.7 WVN
PA Mercer 96.7 WLLF (WKT-FM), r
PA Spangler 97.3 WCCZ (WQHN), o[Idies]
SC Elmore 100.3 WMNY-FM (WMNY-FM; AM gets new calls)
SD Rapid City 104.1 (from 104.3) KIQN (KTQO-FM), "Kick'n"
TN Madisonville 99.5 WYGO
TN Woodbury 104.9 WLMN
TX Beaton 106.3 KOOC (KYZZ), k, simulcasting KOOV 103.1 Copperas Cove-both "Double O Country"
TX Canadian 94.9 KRBB (KEZP)
TX Carthage 104.3 KGAS-FM
TX Claude 95.7 KQXB
TX Laredo 106.1 KZTQ
TX McAllen *88.1 KXHD (KXGZ)
TX Pearlsell 104.1 KQXD
TX Wichita Falls 105.5 KQXC (KLHA)
UT Brigham City 106.9 KSOS-FM (KSOS)
UT Roosevelt 98.5 KIFX (KBWL)
UT Salt Lake City *88.3 KBQA
VA Bowling Green 96.9 WLMN
VA Cape Charles 96.1 WMYA (WKSX)
WA Seattle 107.7 KNDD (KMGI), r, "The End"
WI Green Bay *88.5 WORG
WI Mosinee 94.7 WEHM
WI Tomah 96.1 WBOG (W-RL)
PR Guayama 106.9 WMWG (WSRA)
VI Charlotte Amalie 97.1 WVN

Facilities' Changes Granted (selected)

AZ Clifton KJJJ 102.1 2800 h.v.; 677 m, C1
AZ Prescott Valley KHXH 106.1 (from 106.3) 3700 h.v.; 492 m [m], C3
AR Pine Bluff KPQB 101.3 25000 h.v. (100)
CA Bakersfield KTOX *90.1 47 m (3000 h.v.)
CA Blythe KERU *88.5 3000 h, -17 m, loss vertical polarization
FL Greta WGW 93.3 (from 100.7), because of WTPS Quincy; os, oldies to 8 p.m.; black oldies after 8
FL Tallahassee WUMX 103.1 50000 h.v.; 90 m, C2 [25000 h.v.; 100 m, C3
GA Americus WDEC-FM 94.7 (from 94.3)
IL Lersing WJPC-FM 106.3 2000 h.v.; 121 m
IN Plymouth WNZ 94.3 11300 h.v.; 150 m, B1
IN Rochester WROI 92.1 6000 h.v. (91 m)
IA Harlan KERU 105.3 (from 105.5) 25000 h.v.; 86 m, C3 [161 m
IA Independence KOUP-FM 95.3 4300 h.v.; KS Ogden KOLA 103.5 (from 103.9) 50000 h.v.; 93 m, C2 [1900 h.v.; 179 m
KY Elizabethtown WQXE 98.5 (from 100.1)
MD Cambridge WFB 94.3 6000 h.v.; 100 m
MD Salisbury WZ78- 103.1 (from WZ57A 99.3) [m, C3
MI Big Rapids WAAQ 102.3 10500 h.v.; 133/
MI East Lansing WVIC-FM 94.9 50000 h.v.; 150 m [WKLZ 98.9 52000 h.v. (382 m)
MI Potosky [h.v. (100 m), C3
MN Mora KBK 95.5 (from 95.3) 17200/
MS Charleston WTGY 95.7 6000 h.v. (100 m)
MS Indianola WDLJ 96.9 25000 h.v.; 100 m, C3
NY New York all the following to 6000 h.v.; 415 m from the World Trade Center: WXRK 92.3, WQXR-FM 96.3, WSKO-FM 87.9, WNEW-FM 102.7, WNCN 104.3, WNSR 105.1; WLTW 106.7, WBLS 107.5 [except WBLS will be NY only 4300 h.v.]
NY Oswego W240AJ *95.9 (move from Endicott/
VA Rural Retreat WCCR-FM 95.3
WI Hartford WTKM-FM 104.9 5800 h.v. (91 m)
WI Plattville WKPL 107.1 6000 h.v. (72 m)
CL Piedras Negras XHTA 94.5 1250 h.v.; 85 m, SRT approved. Will be using the old transmitter of the former KBER 100.3 San Antonio TX. "I just adjusted their stereo generator, using a boombox, since they don't have a stereo monitor," said Joe Gragg.
NL Monterrey XHXL 91.7 100000 h.v. (-75 m), "Esterio Noventa"
Stereo-Or to be Stereo
AZ Kingman KRCY 105.9
CA Fort Bragg KLLK-FM 96.7, rp
CA Sacramento KXJZ *88.9, in. They correctly turn their stereo off for newcasts.
CA San Jacinto KWRP 96.1
FL Mayo WGSF *89.5
FL Monticello WJPH 101.9, o, "Sunny 101"
IL Golconda WDRX-FM 94.3
IN Bicknell WUZR, o, ID with Vincennes, "Hoosier 105.7"
IN Fort Branch WBGW 101.5
IN Huntington WVSH *91.9, "but school system has cut off its funds." Has been off the air for the summer; to stay off?
WOWO-FM 103.1, simulcasting the big AM in Fort Wayne, o
IN Syracuse WAWC 103.5, rm, "Wawasee 103"
MD Frederick WJTM *88.1, with live announcers and a Bradlock Heights mailing address
MI Buchanan WSMK 99.1, uses calls
MI Houghton WAHA 102.3
MI Kingsford WEUL *98.1, noncommercial-simulcast with WHWL *95.7 Marquette
MI Lexington WBTI 96.9, tU SCS, 67 kHz; no ID heard in over two hours' listening; still r, "86.9"
MO Kirksville KLTE 107.9
NY Deposit WLYN 94.7
NY Jamestown WJJA *89.7, c, parallel to WNEF-FM *94.5 Buffalo, but giving an

indistinct ID which failed to mention each station's city of license

OH Delaware WCEZ 107.9, b, "EZ 108"

OH Nelsonville WSEO 107.7, r

OH Toledo WKST "88.3, sr

OK Moore KMSI "88.1

PA Tioga WPHD 93.3, ID with Elmira. Relays WKGB 92.5 Susquehanna.

TX Cuero KQRO-FM 97.7

TX Lytle KXPZ "91.3, gr. "Hard rock Christian-like Z-Rock or Alice Cooper, only with Christian words. They play a lot of music by the group Striper."

VA Winchester WTRM "91.3, both that and WJTM Frederick MD "had excellent signals that carried far into northern Virginia"

WI Verona WMMM-FM 105.5, ID with Madison, to 5000 h.v.; 100 m

NL Monterey XHQZ 93.3, kl (ranchers) XHMF 104.5, l, "Stereo Vida"

Monophonic

CA Garberville KBEY 104.7, no stereo, r, "K-Bay 104.7"

GA La Grange WOAK "90.9

IL Highland Park WVXV 103.1, ep, "Real 103"

IN Roanoke WQTX 105.1 mono talk, simulcast with WGL (AM) Fort Wayne. "Tested in stereo, but has been mono since."

MI Sandusky WTVG 97.7, remove \$ listing, no "FM 97" (uses calls)

OR Phoenix KROG 105.1, heard briefly testing in mono, relaying KDOV an AM station. "It was only on a couple of weeks and I understand that KDOV didn't want to pay the asking price to rent the transmitter."

PA Towanda WTTT-FM 95.3 m, big bands

TX Crystal City KHER 94.3, but applying for more height, after which they will go stereo. "I'll be the person who will turn it on."

WA Everett KSER "90.7, but may be only temporarily mono

BC Vancouver CFRO 102.7, "and not really a commercial station"

See Also September VUD For

AL Fort Rucker WKUS 105.5 k; is it stereo? Smolarek, p. 9

AL Mobile WAVH 96.1 o, Bugej, p. 7

GA Albany WGNP "90.7 stereo? Ross, p. 10

GA Athens WNGC 95.5 FM, SCS? Ebeling, p. 16

GA Boston WUFU 106.3 o, Nieman, p. 14

GA Cairo WSLF 102.3 r, "Whistle 102," Smolarek, p. 9 [Bugej, p. 6

LA New Orleans WNOE-FM 101.9 Country 101/MS Columbus WACR-FM 103.9 r, Fela, p. 12

MS Eupora WLZA 96.1 o, "Lezer 96," Bugej, p. 7 [p. 10

MS Natchez WQNZ 95.1 Country 95.1, Hayes/MS Quitman 98.9 WYKK is what Mike Bugej heard (p. 7), which sounded like "WIKK" (which is 103.5 Newton IL). You will see a little notation in the 13th ed. "FM Atlas" that WYKK to move to 98.9 (from 98.3); like an "UFO," it's made its move!

MS Tupelo WAFR "88.3 \$, "Family 88," Pugh, p. 21

MO Webb City KLLL apparently hasn't yet 95.1; still on 97.9 (where KRKG 97.9 Carthage MO will move to), Buntin, p. 26

NY Homer WXHC 101.5 m, \$, ID with Cortland, Nieman, p. 14

NY Watertown "91.7 calls are WRVE, not "WRVJ." Renfrew, p. 15

OH Youngstown WYTN "91.7 is stereo after all, Nieman, p. 14

OK Muskogee KMYN 97.1 Y-97, Hanlon, p. 18

PA Lewisstown WCHX 105.5 o, Nieman, p. 14

PA Tamaquash WMGH 105.5 listed as o, but I show as m; format change or just an oldies show in their music flow? Nieman, p. 14.

TN Tazewell WFSM 94.1 \$ (terol, Pugh, p. 21

TN Waynesboro WTRN-FM 94.9 stereo, Pugh, p. 21 [SCS, Ebeling, p. 16

UT Price KPRQ 100.9 tX or tU, 67 kHz/

WV Fort Allen WFGH "90.7 is it stereo? Allen, p. 24.

WI Sun Prairie WMAF-FM is the 92.1 station close to Madison (Combs, p. 26)

Format Changes—See this feature in last month's "FMedia!"

On Air (Selected)

IA Decorah KRDI 100.5, having moved from 100.9, but still calling self "Music 101"

KS Clay Center KCLY 100.9 now 6 kw

PA Reading WXAC "91.3, "but the signal barely gets out of Reading."

Off Air—Or Not Yet On

CA Fresno KFRN "90.3, but coming soon.

ID Payette KQXR 100.3, on 100.1, but must have been on 100.3 for a while, since announcer heard to say "100.3."

IL Lake Forest WMMX "88.9. It is "dead... It didn't serve a community purpose. The students were irresponsible, and the administration took it off the air." Maybe Gary Olson could check on this one.

IN Terra Haute WPRF 102.7, along with its AM, WYTL. Taken off the air by the court receiver.

MI Allendale "WSRX" "88.5, since being taken over in 1982 by WGVC. Now students want to revive WSRX and find an FM channel.

MI Baraga WXNL 104.3

MI Detroit WDFX 99.5 removed off air, in court-ordered receivership

MI Hancock WTHV 98.7 [98"]

MI Houghton WOLF 96.3 (still on 97.7, "Wolf")

OH Bellevue WNNR 92.1, but had carrier only; assumed temporary

OK Lawton KMGZ 99.5, still on 95.3

OR NYSK 98.7

PA Erie WEFW "88.1

TX Cotulla KDCY 97.7, "burned down; is for sale." Remove \$, format information for this station.

TX Hondo KRBB 98.5, but site is marked off with construction expected

WV Shepherdstown WSHC "93.7, assumed so because of school vacation

SCS Services, 67, 92 kHz

Symbols are as in the "FM Atlas"

CA Fresno KKJZ 105.9 FM, R, Muzak's two services at 67 and 92 kHz. "KSKS 93.7 Fresno will continue standard Muzak on 67 kHz until all receivers are changed."

CA San Diego—Southwestern Cable apparently is using its SCS at 67 kHz for talk between the main office and the head end on Black Mountain. "On regular FM there is just an open carrier on 106.9. When you switch to SCA you get a one-sided conversation of someone giving instructions. I haven't tried with the tunable SCA yet, but suppose they may be using 67 kHz for one side of the conversation and 92 kHz for the other side of the conversation. This only occurs once in a while on a random basis," says a DXer.

KPBS "89.5 tT, 87; tB, 92. The 92 is a rebroadcast of the BBC "direct from London. I think they're getting it directly off a satellite as there is no fade typical of shortwave broadcasts."

IL Aurora WYSY 107.9 no tX, 67

IL Chicago WBBM-FM 96.3 no tY, 92

WJMK 104.3 no tX, 92

IL Evanston WVOJ 105.1 tX, 67 (no 92; had tM, 67 and tR, 92)

KY Whitesburg WMMT "88.7 tB, BBC World Service, 24 hours starting 1 December (replacing tS), 67 kHz

MI Atlanta WAIR 92.5 tX, 67, now "Oldies 92.5" (from "92.5 W-Air")

MI Grand Rapids WJFM 93.7 t(D), 57, no tU, 92, but retains tM, 67 [tU, 67)

MI Kalamazoo WQLR 106.5 t(D), 57 (no/

MN Minneapolis KSJN "99.5 drops Muzak in favor of KSTP-FM 94.5 St. Paul. If Muzak stayed, they feared it might exceed FCC limits on commercial side-ventures by public broadcasters, "and partly because they thought the secondary signal for Muzak might interfere with their primary KSJN signal," thus deciding to "kiss off a contract worth about \$60,000 a year."

NY Buffalo WBFO "88.7 no tX, 67

WGRF 98.9 tC, 67 (relaying WGR 550 AM)

WYRK 106.5 no SCS (had tX, 67)

NY Jamestown WNSX 93.3 no SCS (had tM, 67)

OH Cleveland WNCV 98.5 tM, 67

WCRF "103.3 tG, 67

OH North Baltimore WHMQ 107.7 tU, 67; uses calls, not "The New 108"

VA Harrisonburg WZJM "88.7 tB, BBC fulltime, 67 kHz

WMRA "90.7 tT (Valley Voice Radio Reading Service 67; tB, BBC relay, 92 kHz. "I have been doing some experimenting on the JMU stations' subcarriers, and have come up with quite a good sound—flat response to 8 kHz, using Dolby encoding and an Optomold 8000A for limiting, with a 16 octave equalizer to customize the sharpness. Makes for near FM quality! If you would like, I'll send you a tape of it, recorded off a GE Superadio with an Elf-11 installed."

WKCY-FM 104.3 tM, 67; tR, 92, a "private music service"

WI Milwaukee WLTO 97.3 no SCS (had tC, 67)

ON Sault Ste. Marie CJOJ 104.3 tC, 67, relaying its AM; "Q-104" (very strict—from "Q Country")

ON Toronto CIUT "89.5 tE, 67 (no 92)

CJRT "91.1 no SCS (open carrier only, 67)

CHFI 98.1 tZ, 67 (no tU)

CHIN-FM 100.7 no SCS (had tX, 67)

"There were three or four postings on Internet couple of days ago with you as the topic of conversation. All involved agreed that your book was excellent. They liked your SCA products. One guy apparently has made several purchases from you over the years. One or two others referenced purchases of SCA equipment. One guy did observe that you probably wouldn't win any awards for soldering. Thought you might enjoy that."

NonIDs In Use

CA Delano KXXX-FM 105.3 uses calls: "105.3 KXXX," no "Power 105"

CA Eureka KEKA-FM 101.5 uses calls, "101 Country, KEKA," and no "Redwood 101"

CA Gilroy-San Jose KUXF 94.5, 94.5 The Fox, and San Francisco ID

CA Healdsburg KHT 92.9 no "The Heet"; ID by call letters

CA Livermore-Pleasanton KKIQ 101.7 IDs by calls, no "Q-102," no Danville in its ID list

CA Oceanside KIOZ 102.1 Rock 102

MI Benton Harbor WHFB-FM 99.9 uses calls, not "The New 99.9" ["WLZ-FM"]

MI Cadillac WWLZ 96.7 Hot 96 Lakes FM (from MI Cheboygan WGLD 106.1 The Gold, ID with Petoskey-Mackinaw City

MI Detroit WJLB 97.9 uses calls, not "FM 98"

WLZL 98.7 uses calls, removing "Wheels"

MI Gaylord WKPK 106.7 KPK (from "The Peak") [from "FM-104"]

MI Harbor Springs WLTO 103.9 104-LTO/MI Marquette WFXD 103.3 Fox 103

MI Marshall WMLL 104.9 uses calls, not "Southern Michigan Country" [er 96"]

MI Monroe WTRW 98.3 uses calls, no "Town/MI Scottville WKZC 95.9 KZ-96 (from "KZ Country")

MI Three Rivers WLKM-FM 95.9 uses calls, /MS Collins WKZN 101.7 Z-101 (from "101 KNZ")

MS Moss Point WZBA 104.9 Bay Country (not "Bay 105"), ID with Mobile AL, where its studios and tower are 73ily,

Brace

NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NY 14221

For DXers in: MA, NH, VT, CT, MA, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada

OCTOBER 1991 DEADLINE: The 5th LOG CUTOFF: 2 months from when mailed

Well, most DXers agree that July was much better for skip than May or June for e-skip. Look for reports about July 19. Strange things were going on that day: an MUF up to channel 12, skip reported as short as 320 miles; incredible. Skip was also noted by some in August, especially on the 22nd and 23rd (just like last year!). There have been some tropo of significance, especially in the midwest, but as of print time no "mega" openings. Let's hear from you!

FRANK MERRILL - P.O. BOX 669 - MACOMB, ILLINOIS 61455

Equipment: MR78 tuner, channel master "Stereo Probe 9" mounted at 45 feet, MOST Es: Probe 9 mounted at 8 feet in backyard

MAY 1991 DX

27 Tr
2056 **KMZU** 100.7 MO Carleton, promo for solid gold k weekend on KMZU 145
2102 **KBUG** 92.3 MO Osceola, Royals BB co-ID with KAYQ -97.7 240
2106 **WKVC** 90.7 IL Galesburg, calls, Yes mx 40
2143 **KZLE** 93.1 AR Batesville 350
2144 **KTUF** 93.7 MO Kirksville, "If You're looking for excitement, that's tough, KTUF" 100
2201 **KBFL** 99.9 MO Buffalo, sign off here 220
2205 **KBMV** 107.1 MO Birch Tree, wx, "You're listening to KBMV 1310, 107.1" 250
2224 **KOLL** 94.9 AR Pine Bluff, destroying WAAG with "Kool" oldies 450
2252 **KIPR** 92.3 AR Pine Bluff, legal ID + Little Rock, on low antenna only 450
2257 **KSSN** 95.7 AR Little Rock, "Kissin" 420
2311 **KCWD** 96.1 AR Harrison, local contest winners, The Ozark's #1: 97 Country (a holdover from their 96.7 days?) 350
2314 **KHOZ** 102.9 AR Harrison, local temps 350
2347 **KJFM** 102.1 MO Louisiana, Catch the Cards on your new sports leader, KJFM 80
2352 **KLMK** 107.3 OK Poteau, "KLMK, K-Country 107", Pat Tillis song, wx, ad 440
28 Tr (WILD DAY)
0026 **KQUS** 97.5 AR Hot Springs, US-97 "Arkansas Weather" jingles, lcl temp 460
0031 **KSYN** 92.5 MO Joplin 325
0032 **KXXZ** 107.5 LA Ruston 570
0045 **KQLL** 106.1 OK Owasso 400
0100 **KESE** 93.3 MO Seligman, Easy 93 is KESE Seligman-Joplin-Fayetteville 330
0150 **KTCG** 99.9 AR Fort Smith 420
0152 **KCJC** 100.9 AR Russellville, "Tired of the songs the other stns play?" calls 390
0159 **KEDM** 90.3 LA Monroe, legal ID 575
0206 **KCTT** 97.7 AR Yellville, 97.7 KCTT 340
0222 **KXQJ** 100.9 OK Sapulpa, "The gospel according to music on KXQJ" 420
0227 **KPNC** 100.9 OK Ponca City, call, k 470
0300 **KFCM** 100.9 AR Cherokee Valley, Regional Radio, FM 101 300
0333 **KAMO** 94.3 MO Rogers, Kamo 94.3 359
0336 **KMXL** 95.1 MO Webb City, "The Light Mix, the all new KMXL" 320
0354 **KBUZ** 99.1 AR Eldorado, calls 390
0415 **KJCK** 94.5 KS Junction City 350
KSKG 99.9 KS Salina 370
0421 **KEYN** 103.7 KS Wichita, rare 415

MAY 26 Tr cont

0436 **KLRQ** 96.1 MO Clinton, "Q96" is playing on some fine radios in this area" 230
0500 **KREJ** 95.9 KS Medicine Lodge, legal ID after canned religion 455
0506 **KSCC** 107.1 AR Berryville, KTHS, KSCC 340
0516 **KADI** 99.5 MO Republic, class A same same direction as WQDY-IL local. Thought I'd never hear this one again. 275
0520 **KMAG** 99.1 AR Fort Smith 420
0601 **KRZZ** 96.3 KS Derby, lgl with Wichita 405
0605 **KTRX** 93.5 MO Tarkio, sign on after vocal SSB - barely!! Would have been impossible if KTUF was still on 93.5 240
0613 **KOTE** 93.5 KS Eureka, 67', break from KS farm network, then Anne Murray (Verified info by phone and // with the song) 360
0624 **KZOC** 92.9 KS Osage City, agricultural network over KGRC-MO 375
0656 **KKRd** 107.3 KS Wichita, rare due to local KGRS-IA
0700 **KLTQ** 96.5 MO Sparta, news, legal ID 240
0705 **KGLS** 93.1 KS Pratt 500
KHCC 90.1 KS Hutchinson, rare 425
KHCD 89.5 KS Salina, rare, both are on crowded frequencies 370
0727 **KMOQ** 107.1 KS Pittsburg, Oldies 107 335
0741 **KDCK** 95.5 KS Dodge City, The #1 song in SW Kansas, "K95", several W. KS ads 540
0749 **KFXx** 106.7 KS Hugoton, "KFX", temp 635
0755 **KSCB** 107.5 KS Liberal, local ads Royals Baseball tonight on KSCB 1270 590
0903 **KFFX** 104.9 KS Emporia, r, ad with 343-phone, K-Fox (Emporia has that exchange) 350
1832 **KJJC** 106.9 IA Osceola, "JC 106.9" (Strict), promos, local weather and ads 180
1850 **WCCI** 100.3 IL Savanna, auction place south of Savanna, Savanna ad 110
1900 **WZZT** 95.1 IL Morrison, "This is the quality choice, WZZT" 100
1901 **WRVY** 100.5 IL Henry, SID, "Y100" 80
2000 **KJFZ** 95.5 MO Poplar Bluff, legal ID 252
2005 **KLTE** 107.9 MO Kirksville, ID with Centerville and Macon" Just what I need, another pest 100
2053 **KKVU** 105.9 NE Omaha, class A, rare 285
2104 **KITR** 101.3 IA Creston, "Creston Rdo" 200
2109 **KKMA** 99.5 IA LeMars, thru WQCY 315
2130 **WNJL** 90.5 IL Rockford, ID 146
2203 **WPKR** 99.5 WI Waupun, tornado watch 76" at WPKR, Packer 99-5 jingle 275

FRANK MERRILL's REPORT continues.

MAY 1991 DX

29 Tr		
0058	KMXA 106.3 NE Lincoln, Mix 106 KMX	305
0101	KKVU 105.9 NE Omaha, legal ID	285
0259	KQCL 95.9 MN Fairbault, 102.5 (Waubasha) / 95.9 ID	265
0305	WCNL 95.9 IL Carlinville, k, promo	100
1559	WXJO 95.5 IL Bethalto, lgl w/St.Louis	130

29 Es

1600	WJIS 88.1 FL Bradenton	
1832	WPAP 92.5 FL Panama City	
	WRBA 95.9 FL Springfield	
1833	WABB 97.5 AL Mobile, 97.5 WABB	691
1838	WHCJ 88.5 GA Savannah, jazz update is a public affairs presentation of WHCJ-FM	777
1843	WBKL 103.5 FL Callaway, Cool 103 Oldies, Dothan, Panama Cty ads	760
1847	WXFX 95.1 AL Prattville, 95.1 The Fox and and Prativille, local ads	625
1851	WUSA 100.7 FL Tampa, W-101 Bay area wx with Tampa temperature	970
1900	WEBZ 99.3 FL Mexico Beach, legal ID as Panama City	750
1906	WJAD 97.3 GA Bainbridge, calls, ads	750
1910	WEGL 91.1 AL Auburn, calls, "We're Auburn's rock and roll alternative"	615
1914	WBVM 90.5 FL Tampa	
1917	WXTB 97.9 FL Clearwater, Tampa ad "98 Rock", Pink Floyd concert, ads	960
1922	WQYK 99.5 FL St.Petersburg	
1926	WAYE 102.5 FL Sarasota, "Wave", ph# for Tampa, Sarasota, etc.prefix -1025	1020
	WSHE103.5 FL Ft.Lauderdale	1140
1930	WINK 96.9 FL Fort Myers	1065
1939	WWKA 92.3 FL Orlando	985

JUNE 1991 DX

3 Es

0052	KTSP 92.1 TX College Station, Brazos Valley wx, semi-ID	745
0105	KITE 92.1 TX Kerrville, calls	905
1158	WTMI 93.1 FL Miami	1165
	WEAT 104.3 FL W.Palm Beach	1120
1204	WBGF 93.5 FL Belle Glade	1050
1230	WBVM 90.5 FL Tampa	990
	WJIS 88.1 FL Bradenton	1000
1238	WUSE 89.7 FL Miami, Concert 90	990
1524	WCKT 107.1 FL Lehigh Acres, "Cat Country", k1080	
1536	WQBA 107.5 FL Miami, "Super Q", SS	1165
1537	WQOL 103.7 FL Vero Beach, Sebastian ads, annncments, "Q-103.7"	1070
1539	WHEW 101.9 FL Fort Myers	1070
1542	WYOC 104.9 FL High Springs, ads, for High Springs, weak WYOC jingle	855
1545	WKLK 102.1 FL Rock Harbor, K-Country 102.1, local ads	1200
1548	WAOA 107.1 FL Melbourne, A1A	1025
1553	WIRK 107.9 FL W.Palm Beach	
1555	WZTU 104.1 FL Cocoa Beach, legal	1025
1559	WQCS 88.9 FL Ft.Pierce, legal	1090
1601	WDNA 88.9 FL Miami, MONO, legal ID heard, "finally"	1165
1601	WKPX 88.5 FL Sunrise, modern mx Kicks, 88.5 WKPX	1130

June 3rd skip conl

1602	WCAC 105.5 FL Sebring, calls, nx	1055
1605	WRMF 97.9 FL W.Palm Beach	1120
1621	WLRO 99.3 FL Cocoa, Lit Rock 99.3	1025
1626	WZMQ 103.9 FL Key Largo, FM	
	Noventa Doz (92) // WCMQ 92.3	1190
1656	WAYJ 88.7 FL Ft.Myers	1070
2145	KNPR 89.5 NV Las Vegas, calls	1351
2146	KWNR 95.5 NV Henderson, calls	1345
2148	KMMK 103.5 NV Las Vegas, ad	1351
2150	KKLZ 96.3 NV Las Vegas	

3 Tr

2344	WYKY 100.5 WI Columbus, call letters before oldie	195
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4 Tr

0048	KLRL 104.3 MO Vandalia, "FM 104 KMCR Montgomery City-Herman, KLRL Vandalia", k	85
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5 Au

0159	KGLS 93.1 KS Pratt	500
0213	KCEV 88.3 KS Wichita, from NNE calls heard, prev Tropo	412
0218	KVLT 106.1 OK Owasso, prev Tr	400
0227	WHWL 95.7 or KROA 95.7, g, fadeout	
0238	WMEE 97.3 IN Fort Wayne, prv tr	320
0242	KWEC 89.1 MO Springfield, prev tr	260

10 Es

1918	KMOR 92.9 NE Scottsbluff, KMOR wx	684
1922	KCMI 96.9 NE Terrytown	680
1923	KNEB 94.1 NE Scottsbluff, legal ID	684
1931	KOSW 96.5 WY Rock Springs	950
1938	KTRS 95.5 WY Casper, legal ID	824
1943	KTRZ 93.1 WY Riverton	950
1951	KSIF 96.1 ID Idaho Falls, lite kiss FM	

13 Es

1423	XHAAA 93.1 TA Reynosa	1085
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14 Tr

0100	KGNV 89.9 MO Washington, calls after USA News, no legal ID	150
0200	KBDZ 93.1 MO Perryville, The New B93.1, KBDZ Perry Plaza, Perryville, mr\$	200

15 Tr: WJEQ 102.7 noted off

1504	WUEZ 103.5 IL Christopher, Gold Card ad sponsor in Carbondale, calls, b\$	180
	Normally WYEM 101.9/WJEQ mixing product hre	
1607	WRVM 102.7 WI Suring, long wx-cast for MI and WI, finally taped this one	333
1641	KTEG 102.9 IA Sioux Rapids, Children's Bible Hour // over the phone	310

16 Es

1726	WRSV 92.1 NC Rocky Mount, end public affairs pgm, now \$, Mono in FM Atlas	765
1743	WNHW 92.5 NC Nags Head, Kitty Hawk ad jingle w/calls, why move from 92.3?	825
1744	WOBR 95.3 NC Wanchese, Beach 95	825
	WVOD t 99.1 NC Manteo "Beach music"	

16 Tr

1900	WMRI 106.9 IN Marion, calls thru WSWT	
2100	WJLY 93.3 IL Ramsey, legal ID, g\$	130
2257	WFPL 89.3 KY Louisville, end of pgm produced at WFPL-FM in Louisville, at last!	295
2300	WYEZ 106.9 KY Louisville, legal ID	295
2333	[KOSK] 104.9 IA Oshaloosa, now k and saying "KBOE", call change, or simul AM?	

FRANK MERRILL's report continued.

JUNE 1991 DX

17 Tropo	
0017 KELO	92.5 SD Sioux Falls, Light 92.5 369
0022 KWMG	93.5 NE Columbus, The Police, Wrapped Around Your Finger on KWMG 93.5 Columbus 355
0032 KXNE	89.3 NE Norfolk, "This is Nebraska Public Radio", final c selection 366
0053 KMIT	105.9 SD Mitchell 409
0102 KQYB	98.3 MN Spring Grove, local ad "KQ Hot Country", legal ID/weather 235
0125 KTWB	101.9 SD Sioux Falls, k, calls before & after wx, "Outlaw Country" 369
0227 KDLO	96.9 SD Watertown, dual legal ID with KPLO, after k song, being "lost" to KRIT-IA even during ID 470
0300 KKRL	93.7 IA Carroll, legal ID (sorry, no KGKG-IA) 270
0909 KDBB	104.3 MO Bonne Terre, "BB 104" playing the best mx in the Mineral area 180
0925 WJJY	106.7 MN Brainerd, off back of the antenna 425
0951 KKW5	105.9 MN Wadena, "Super Station K-106", Fergus Falls ad, etc. 480

19 Tr

0448 KCEX	101.1 MO Harrisonville, Shawnee State Bank, KC weather, legal ID "The Fox" 215
0455 WWWW	106.7 MI Detroit, easiest Detroit to pick up here 410

20 Tr

0320 KWNC	96.5 SD Sioux Falls 369
0330 KWMG	93.5 NE Columbus, v. good, lgl 355
0400 KICT	95.1 KS Wichita 412
	KGLS 93.1 KS Pratt 500
	KQKY 105.9 NE Kearney 432
	KMIT 105.9 SD Mitchell 409
0442 KVGB	104.3 KS Great Bend, "FM 104 & and AM 1590 KVGB", rare, over Missouri's 456
0500 KESD	88.3 SD Brookings 430
0530 KXLK	105.3 KS Haysville 410
0551 KISD	98.7 MN Pipestone, "KISD" heard after rap song 375
0601 KCGN	101.5 MN Ortonville, thunderstorm watch, calls, fading below KAYL and KKSJ 480
0625 KIXX	96.1 SD Watertown, Durham Optical in Watertown Mall (STRANGE: Almost exactly 10 years ago today - 6/26/81 - I logged this in Ohio via Es with Watertown Mall ad) 470
0700 KSKB	99.1 IA Brooklyn, legal ID "doesn't get out" 130
0703 KKLS	104.7 SD Sioux Falls 369
0705 KHNE	89.1 NE Hastings, NE news 391
0706 KUCV	90.9 NE Lincoln, // 89.1 Nebraska Public Radio 305

25 Es

1350 WTMI	93.1 FL Miami 1160
	(heard on car radio near Chelsea, Mich)

JULY 1991 DX

8 Es	
1037 WUAW	88.3 NC Erwin, PSA with calls mention Trinton High School 740
1132 KBHT	93.5 TX Crockett, Best Hits 93-5 720
1137 KWVS	97.5 TX Kingsville, calls Bay wx 1040
1140 KULF	94.1 TX Brenham, calls tune in 790

July 8th Es cont

1144 KTSR	92.1 TX College Station 745
1150 KPLV	93.3 TX Port Lavaca, saluting DuPont Victoria plant 870
1212 KRTS	92.1 TX Seabrook 810
1254 KTEA	92.5 TX Groves, calls, ad 740
1256 KQXY	94.1 TX Beaumont, Howie's Furniture, "Q94" (they've dropped Y947-gc) 736
1306 KVPI	93.5 LA Ville Platte, on KVPI 680
1312 WTMI	93.1 FL Miami 1165
1327 WNGS	92.1 FL W. Palm Beach 1120
1331 WFLC	97.3 FL Miami, Coast 97.3 1165
1333 WQYK	99.5 FL St. Petersburg 990
1333 WTRS	102.3 FL Dunnellon 900
1339 WGUJ	92.7 FL Marco, "The all New Gulf 92.7 with the best mix of lite rock for SW FL" 1095
1344 WCOO	98.3 FL Immokolee 1080

18 Es

1032 KTCL	93.3 CO Fort Collins 760
KRAI	93.7 CO Craig 870
1038 KUNC	91.5 CO Greeley 750
1041 95.1	96.5 WY Rock Springs relogs 930
1044 KMUS	101.9 WY Burns, "Cheyenne's best k", "K-Moose 102" 730
1048 KISF	96.1 ID Idaho Falls 1146
1053 KKKX	94.1 CO Montrose, brief calls 935
1055 KRIC	100.5 ID Rexburg, pgm promo with calls, East Idaho wx, etc 1140
1102 KHOW	95.7 CO Denver, K-How-FM 770
1106 KVOB	99.5 CO Denver 770
1110 KCFR	90.1 CO Denver, calls, CO mx festival, song announcement 770
KUVO	89.3 CO Denver 770
1114 K205AZ	88.9 CO Glenwood Springs, "KUWR" (91.9) calls, cowboy song 887
1114 KUWR	91.9 WY Laramie, much stronger, same 790
1123 unID	104.7 "We'll keep you informed on FM 104.7 KFX" Who is this? (oldies) 910
1126 KCWC	88.1 WY Riverton 910
1134 KYYZ	96.1 ND Williston, "Laser 96" non-ID, ads, tickets for ZZ Top in Bismarck, STATE #47 840
1158 KMCM	92.5 MT Miles City 866
1208 KLFM	92.9 MT Great Falls, calls after local ads, "Montana Ford Dealers" 1132
1213 KALS	97.1 MT Kalispell, g "Thank you for listening to 97.1 FM KALS", local ad 1278
1221 KRKX	94.1 MT Billings, ads 968
1230 KOPR	94.1 MT Butte, "A Taste of Butte Fest" report, Copper 94 jingle 1158
1236 KQUY	95.5 MT Butte, ads, Y-95 1158
1240 KBOZ	93.7 MT Bozeman, calls, ad 1079
1241 KMMS	95.1 MT Bozeman, ad "They rap we rock, Montana's mx stn 95.1 KMMS" 1079
1242 KYBS	97.5 MT Livingston, calls, Willie Nelson song "Sprit" (NEAT song, I ended up dubbing it to an audio tape!), k format, not b as in the FM Atlas 1050
1252 KMTX	105.3 MT Helena, ads, had to verify by phone before fade out 1137
1256 CKUA2	99.3 AB Lethbridge, tentative, brief c music, stereo

Franks DX continues on the next page!!

FRANK MERRILL's report continues.

July 1991 Dx

18 Es skip cont from last page

- 1259 CIMG 94.1 SK Swift Current, It's 18" in Swift Current", 94FM news 1072
- 1929 XHMT 98.5 YU Merida, cally and city given, quasi-legal ID after local ads, ESTADO #5 (see note #1) 1400
- 1936 XHRN 96.5 VE Veracruz, Veracruz mentions in ad, ESTADO #6 1500
- 1946 XHPR 101.3 VE Veracruz, several Vera. ments in ads, long "Guapo F.M." jingle 1500
- 1957 XHZ? 103.1 legal IS sounded like XHMB later heard Cazumel & Tampico, no mention of a 103.1 in FM Atlas, fady!
- 2003 XHPst 93.3 VE Veracruz, briefly in with FM Globo or FM Lobo slogan 1500
- 2008 XHUA 90.1 CH Chihuahua, Estereo Vida, (Frank, I have heard that XHMP in Tampico uses that slogan now too-gc)

19 Es

- 1823 WOOJ 107.1 FL Lehigh Acres 1095
- WZMQ 103.9 FL Key Largo 1190
- WEAT 104.3 FL W. Palm Beach, etc 1120
- 1825 WKZM 105.5 FL Sarasota
- WIRK 107.9 FL W. Palm Beach 1120
- 1830 WQBA 107.5 FL Miami 1165
- 1839 WOVW 95.5 FL Fort Pierce 1089
- 1859 WFTI 91.7 FL St. Petersburg 990
- 1859 WWNO 89.9 LA New Orleans, legal 728
- 1900 WBVM 90.5 FL Tampa 980
- 1908 WMTO 93.5 FL Port St. Joe 780
- 2226 CBKM 98.5 SK Meadow Lake 1240

20 Es

- 1931 KGCH 93.1 MT Sidney, Sunrise mx ad 855
- 1938 KQDY 94.5 ND Bismarck, ads 662
- 1939 KMPR 88.9 ND Minot 746
- KPPR 89.5 ND Williston 841
- KDPR 89.9 ND Dickinson 750
- KCND 90.5 ND Bismarck 662

All parallel with River City Folk. Called KCND 90.5 at 1958 while still tuned to 90.5, heard World of books promo both on phone & radio

- 1940 KBYZ 96.5 ND Bismarck, Z-96, phone book ad, 322 E. Main Manadan 662
- 1942 KNDR 104.7 ND Mandan, "Circle of 2" song folo by gm (pop gospel), ad // phone 662
- 1948 KCGM 95.7 MT Scooby, Peerless Auto Body is a KCGM sports sponsor 910
- 1950 KBQQ 99.9 ND Minot, KBQ-100 746

NOTE 1 (1929, 18 July): XHMT-98.5, like most Es, was logged on the "low" antenna. On the "high" antenna KTJJ-MO presented minor problems. However, all Vera Cruz stations were better on the "high" antenna. Is it possible that the simple 40' difference extended my horizon? It's also possible that the low signals were partially blocked by a 15-foot hill about 200 feet away in the same direction. Whatever the reason, I must have been very close to where the Es signals became a tangent to the Earth's surface. Beyond such point the Es signals are below the horizon and cannot be received, unless Tr or TrS artificially increases the distances. Indeed, when I think about it the Vera Cruz signals faded choppy, like a combination of Es fading and TrS fading, and all were quite weak. XHMT fading was more like traditional Es fading, but it is "that much" closer. There aren't many directions where I can have maximum hop Es without other stations at 1000, 1100 & 1200 miles blocking them. Does anybody have further ideas about this? Other thoughts: I hope that I saw some of you in Dunkirk! There's always a lot of fascinating meetings, conversations, etc. to be had. Well, after complaining about a terrible Es season (and you will see almost no Es in my report between 6/3 and 7/8, though I was gone only 6/28 to 7/7),**FRANK'S COMMENTS CONTINUE ON THE NEXT PAGE** →

30 Es

- 1235 Miami area to 101.5 1165
- 1240 WBGF 93.5 FL Belle Glade 1085
- WGVL 93.5 FL Vero Beach 1070
- 1249 WAIL 99.5 FL Key West 1220
- 1330 WVFR 91.7 FL Okeechobee, legal ID 1060
- 1300 WQKC 103.1 FL Okeechobee, lgl ID, k 1060
- 1312 WQBA 107.5 FL Miami 1165
- 1324 WVUM 90.5 FL Coral Gables, full-blown ad for Kinko's Copies 1170
- 1330 WAVK 106.3 FL Marathon 1230
- 1331 WCNO 88.9 FL Stuart, promo with calls, said "89.9"! 1070
- 1337 WAFK 106.3 FL Clewiston 1080
- 1410 WCOO 98.3 FL Immokolee 1085
- 1427 WTMI 92.9 FL Miami 1165
- 1430 WBPT 89.5 FL Naples, g, faded after the "W", rats!
- 1431 WIRK 107.9 FL W. Palm Beach 1120
- 1435 WFKZ 103.1 FL Plantation Key 1200
- 1438 WINK 96.9 FL Fort Myers 1070
- 1441 WSRX 91.5 FL Fort Myers, 91.5 The Spark, the freshest stn in the nation" 1070
- 1445 WLYF 101.5 FL Miami 1165
- 1455 WOZN 98.7 FL Key West, mentioned a phone call from Syracuse, IN, then gave a legal ID, for us skiphounds I guess 1220
- 1508 WWUS 104.7 FL Big Pine Key, US1 1220
- 1530 WAVW 101.7 FL Vero Beach 1070
- WLRQ 99.3 FL Cocoa 1025
- 1535 WOLL 94.3 FL Riviera Beach, Oldies 94.3, over local WRMS, second promo read "our signal is now more powerful" 1120
- 1545 WSCF 91.9 FL Vero Beach
- "Christian FM 92 Treasure Coast Forecast" 1070
- 1555 Z... 104.5 BAHAMAS Nassau, "You're tuned to the music, FM 104.5 Nassau", rough going on this due to WFMB, COUNTRY #5 1280

AUGUST 1991 DX

1 Tr

- 0600 WMMC 105.9 IL Marshall, All oldies all the time Oldies 106, legal ID 165
- 0500 WSYZ 106.1 IN Newburgh, calls, Heat 260

Hit Kickin' Country
WKKW
FM 106

FRANK MERRILL's comments continue.

.....July definitely "rallied" with some excellent openings. In all, a nearly average season, unlike the "horrible" season I was talking about around 6/28 or so. It's very ironic that, of the "Lower 48", I now lack only the most populous state with the most FM stations of any state: California. The nearest area (within 1,450 miles) is mostly low power or on "bad" frequencies (conflicting with Quincy, Macomb, etc, or Arizona stations). Due to state station population (every frequency has something), it's anybody's guess what I'll hear first. I consider KZAL-105.5 the most likely (high power and on a mountain, open frequency, but hampered by high dial position) but maybe only a 10% chance it will be my first, perhaps along with KJMB 100.3, also 10%. Summarizing my mysteries from above (all July 18):

- 1123 104.7 "FM 104.7 KFX", oldies PTA: mountains
- 1957 103.1 XHM- (XHMB?), with legal ID, fady, Tampico and Cazumel mentions later. No 103.1 Mexicans in FM Atlas
- 2003 93.3 "Radio Globo", or "Radio Lobo", XHPS?

(Frank, note that CCI-AIDS is back, with Matt Sittel volunteering to do it-gc). Any help, I'll be grateful for! I certainly hope I can avoid falling so far behind again. I had to post (to log books) all TV/FM DX for 1991, and it over 20 hours to do so, and to indicate loggings in FM Atlas and Database (TV)! FM total is around 1790. Probably the highlight of the year was the mammoth "Ozarks to Kansas" opening which netted me 12 new loggings of "traditional" class A's (no more than 3,000 watts, on proper frequencies), including the four new 100.9's from AR/OK (also new class A states for me!) within just over an hour. There was no Tr or enhancement to either of the IL stations that normally give me problems there. Likewise, KREJ-KS without WCNL-95.9 IL 73.



We welcome two new reporters to NFMDX this month: John Sullivan, from Schiller Park, Illinois, and Mike Hawk, from Omaha, Nebraska. Hope to see both of you report again!



JOHN SULLIVAN - 4657 ROSE ST - SCHILLER PARK, ILLINOIS 60176

Equipment: Receiver: Sony STR-AV 760 modified with three 180 khz filters, antenna: Sears fringe VHF/UHF FM (manufacturer unknown), channel master mast mounted amplifier, alliance U-110 rotor

JULY 1991 DX

8 E-skip

- 1215 KLDF 94.5 TX Houston
- 1240 KUEZ 99.3 TX Luftkin
- 1245 KXGC 96.9 TX El Campo
- 1254 KMJQ 102.1 TX Houston
- 1326 KHEI 96.7 TX Austin
- 1330 KBY5 99.1 TX Chorpux Christi
- 1335 KRIO 94.1 TX Floresville

July 19 E-skip

- 1849 WCVU 94.5 FL Naples
- 1900 WGNF 98.1 FL Titusville

96FM WKDD

STATION NEWS: The CRTC has reportedly loosened format restrictions in Canada; thus there are many changes from there to note this month. CJMJ 100.3 in Ottawa is on the air: Magic 100 and a/c. In Hamilton there are two changes: 95.3 becomes CJXY "Y-95" and classic rock. Also, CING 107.9 now has a "sr" format: "Dance 108". CKFM 99.9 Toronto is now "Mix 99.9"; very wide variety of music from dance to pop to a/c and classics; call it "r". Two other rumoured changes: CKNG 92.5 Edmonton to "Power 92" and dance-CHR, and 103.1 Winnipeg to CKLU, "103UFF" and soft a/c. Also CJAY 92.1 in Calgary has gone to classic rock. When I was through the Albany area August 24, 93.5 Hudson was oldies, WRVW "93 Gold". 92.3 Baltimore has gone to a top 40 dance format, and "92Q"; no new calls yet. WZZP 103.9 South Bend, Ind. will change calls to WRBR and oldies format. In Oklahoma City, 98.9 has gone to "adult top 40" and KYIS, "Kiss 98.9". WZNS 92.9 Dillon, SC is expected back on with classic rock and "Z93" (not unlike their counterpart to the west: WZGC Atlanta, so be careful!) KMRK 96.1 Odessa, Tex. is Unistar country format. Classic rock WNCD 106.1 Niles, Ohio is no longer simulcasting with WWLF 95.1; now they are // WKTX 96.7 Mercer, Pa. In Central Texas, 106.3 Belton is now KOOC, simulcasting KOOV 103.1, country. WAYS 99.1 Macon, Ga is going to oldies.

MIKE HAWK - 10212 P ST - OMAHA, NEBRASKA 68127-2130 (402-592-1186)

Equipment: Sangean ATS-803 w/2 150 filters, Radio Shack 6 element FM up 30' with RG-6 75 ohm coax, Archer pre-amp, and home-made notch filter.

AUGUST 1991 DX

1 Tr (CST)

0159 KUNI 90.9 IA Cedar Falls, legal ID
0200 KHKE 89.5 IA Cedar Falls, legal ID
0211 KANU 91.5 KS Lawrence, JAZ and ID
0300 KCFM 107.3 MO Lexington, k, a lot of KEZG, Lincoln interference
1100 KRES 104.7 MO Moberly, 'Krest Country'
1103 KBKB 101.7 IA Ft Madison, ID, country
1106 KLAL 97.7 IA Lamoni, k, ID
1730 KISD 98.9 MN Pipestone, Kiss FM
1743 KNXR 97.5 MN Rochester, ads
1815 KWWK 96.5 MN Rochester, country, ID
1823 KDLS 101.7 IA Perry, oldies & ID
1918 KRNA 93.9 IA Iowa City, ID, music
1923 KIDA 92.9 IA Ida Grove, AC/T-40 & ID
1930 WGCI 107.5 IL Chicago, ID, CHR. 453 miles, my longest tr catch.
1941 KWGG 104.9 IA Hamilton, AC, ID
1945 KMXD 106.3 IA Ankeny, 'Mix 106'
1948 WOJO 105.1 IL Evanston, SS ads
1956 KFMM 99.7 IA Muscatine, ID & AOR
2001 KFGQ 99.3 IA Boone, ID
2006 KMGO 98.7 IA Centerville, \$, k

I am a new member of the WTFDA, so a brief introduction is in order. I am 15 years old and a sophomore in high school. I have been FM DX'ing since May, when I got the 6 element on the roof. I have heard about 210 stations so far, with a but 5 via tropo/GW. My lone foreign logging is CJAY-92.1. I am also an active ham radio operator on 10 and 15 meters. That and MW DX'ing are my main hobbies, with 1400 stations heard on MW. Just in case you are not familiar with it, the Sangean that I use for FM DX is virtually the same as the Realistic DX-440 SW/LW/FM portable. I replaced the filters with 150s with the help of Todd Brandenburg. It overloads terribly, but the notch really helps out a lot. I cannot point my antenna N or S because a lot of the local transmitters are located just north of me, and the 6 element antenna's front to back ratio is not to good, so overload also occurs when pointed south. When channel 6, WOWT signs off at night, quite a bit of the overload also 'signs off', so I am looking for a trap to use for FM. I am planning on stacking the Archer 6 element soon, and that should help the front to back ratio and create deeper nulls of the overload. The 8/1 trop lasted 20 hours without a break, and was probably the best of the season for me. The Es has been just as poor here as in the rest of the country. 2 openings on FM brought 4 stations in. I only noted Es on TV 5 times this year. The openings that did hit FM had were short- one was 10 minutes, the other was 16 minutes. Maybe the winter skip season will bring better results. 73's and good DX!

1 Tr continued

2100 KWBG 98.3 IA Boone, ID
2102 WJOD 107.5 IL Galena, k & ID
6 Tr
2327 KMCX 106.5 NE Ogallala, k & ID
2330 KXNP 103.5 NE North Platte, ID, k
2332 KOGA 99.7 NE Ogallala, 'Music 99'
2334 KJLT 94.9 NE North Platte, religious

7 Tr

0008 KRVN 93.1 NE Lexington, AC music
0018 KPNE 91.7 NE North Platte, classical
0023 KELN 97.1 NE North Platte, oldies
0033 KZMC 105.3 NE McCook, AOR
0159 KTSD 91.1 SD Reliance, 'In Reliance'
0201 KPLO 94.5 SD Reliance, ID, k

12 MS

0140 WTLR 89.9 PA State College, '...in Manchester and here in State..'

23 Es

1848 WMTX 95.7 FL Clearwater, ads mentioning Tampa, then ID
1852 WCVU 94.5 FL Naples, EZL mx, ID
1855 WYNF 94.9 FL Tampa, AOR, '95-Y'

MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06082

Equipment: Carver TX11 and Sherwood AM/FM receiver modified with 150 khz filters.

JULY 1991 DX

19 Es
1716 WMFQ 92.9 FL Ocala, Q-Lite 96.9
1720 WTNT 94.9 FL Tallahassee, k, TNT
2038 WOOF 99.7 AL Dothan
2042 WMMK 92.1 FL Destin, K92, best Country along the coast
2048 WKSM 99.5 FL Ft. Walton Beach, Power 99.5 Kiss FM
2100 WSTI 105.3 GA Quitman, Star 105.3
2106 WGPC 104.5 GA Albany
2115 WJST 94.5 FL Port St. Joe, gospel
2147 WINK 96.9 FL Fort Myers
2149 WKTK 98.5 FL Crystal River
2152 WAUV 101.1 FL Marco, Wave 101
2154 WHVE 102.5 FL Sarasota, The Wave
2213 WHQT 105.1 FL Coral Gables, Hot 105
2216 WEAT 104.3 FL W. Palm Beach, Easy 104
2217 WQBA 107.5 FL Miami, Spanish

19 Es cont

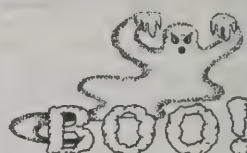
2218 WSHF 103.5 FL Ft. Lauderdale
2227 WFLC 97.3 FL Miami, Coast 97.3
2229 WRXQ 96.1 FL Bonita Spz, 96.1 K Rock
2230 WOJZ 95.3 FL Fort Myers, Oldies 95
2233 WHEW 101.9 FL Fort Myers, k
20 Es
1649 WLNE 96.1 AL Montgomery
Life and Easy WLNE (Mike, note the solved uniD; this one is new on-gc)
1658 WMEZ 94.1 FL Pensola, EZ
1705 WJMG 92.1 MS Hattiesburg
1823 KCIL 107.5 LA Houma, C107
1824 WLTS 105.3 LA Slidell
1828 WYLD 98.5 LA New Orleans, FM98
1830 KOLL 94.9 AR Pine Bluff, Kool 95, o
1831 WMC 99.7 TN Memphis, FM 100
1902 WJST 94.5 FL Port St. Joe, g

The rest of Mike's report is on the next page.

MIKE BUGAL's report continued.

July 24th Tropo

0715 CBO 91.5 ON Ottawa, mono, traffic
0716 WXXI 91.5 NY Rochester
26 Es
2049 KMoe 92.1 MO Butler
2052 KTGL 92.9 NE Beatrice, THE EAGLE
classic rock
2054 UNID 92.9 Royals baseball
2104 KUSD 89.7 SD Vermillion
31 Tr
2254 WFar 93.3 CT Danbury, g.
WFME-WFAR ID



Check for Halloween DX !!

BILL NOLLMAN - 35 NYE ROAD - GLASTONBURY, CONNETICUT 06033

(203) 633-2490, Eq. Sony ST-5130, Carver TX-11a (both modified), Stereo Probe 9 in attic

JULY 1991 DX

10 MS
0730 WOKK 97.1 MS Meridian, 97OKK
* (see note 1)

12 Tr
2047 WZVU 107.1 NJ Long Branch, Seaview 100
2100 WNVZ 104.5 VA Norfolk 390
2101 WMXN 105.3 VA Norfolk, Mix 105.3 390
2105 WFOG 92.9 VA Suffolk 400
2126 WCTO 94.3 NY Brentwood,
Magic 94.3, very strict, never heard legal ID
2130 WKEZ 94.1 VA Yorktown
2134 WDLX 93.3 NC Washington,
strong for 10 min, then gone!

14 Tr
0812 WASH 97.1 DC Washington, * Note 1 300
19 Es

2122 WUFT 89.1 FL Gainesville, 89.1 FM 1025
2127 WEZY 94.1 FL Lakeland 1100
2130 WWUF 97.7 GA Waycross 910
2137 WRKX 96.1 FL Bonita Spz, K-Rock 1200
2142 WBGH 102.5 GA Waycross 910
2142 WHVE 102.5 FL Sarasota 1150
2150 WEJZ 96.1 FL Jacksonville, Lite 96.1 950
2200 WDUV 103.3 FL Bradenton 1150
2200 WLYF 101.5 FL Miami 1200
2201 WFLC 97.3 FL Miami, Coast 97.3 1200
2210 WAVV 101.1 FL Marco, Wave 101 1210
2212 WCTH 100.3 FL Plantation Key
Oldies 100- Ketch 100 1275
2221 WMMQ 98.9 FL Orlando 1050
2225 WSHE 103.5 FL Fort Lauderdale 1190
2227 WHYI 100.7 FL Fort Lauderdale 1190
2228 WEEJ 100.1 FL Fort Charlotte 1175
2229 WLRO 99.3 FL Cocoa, Lite Rock 99 1050

And if that weren't enough fun!!!!.....

July 20 Es

1812 WLTS 105.3 LA Sidel, Lite 105 1260
1814 KCIL 107.5 LA Hauma, Bayou
Country, C107 1300
1818 KXOR 106.3 LA Thibodaux 1280
1821 WDXX 100.1 AL Selma, Dixie 100 1050
1828 KHLT 94.1 AR Little Rock, K-Lite 1180

24 Tr
0700 WROX 107.3 DC Washington

AUGUST 1991 DX

12 MS "PERSEIDS DOWNPOUR" (Note #2)
1115 WMDX 94.1 IL Mt. Vernon 900
1150 WCOZ 96.9 KY Lexington, either Cool
or Q 96.9 (Someone told me that they were
going to become "Kiss-gc") 680
1218 WIMI 99.7 MI Ironwood 950
1220 WMC 99.7 TN Memphis,
"It's a Memphis Monday" 1025
1227 KFMH 99.7 IA Muscatine,
"Rock Island Brewing Company" 975
1232 CRO 99.7 PQ St. Georges de Beauce 325
1234 WHET 99.7 WI Sturgeon Bay 750
1316 WIMI 99.7 MI Ironwood
1338 WPKR 99.5 WI Waupun 825
1414 WOOF 99.7 AL Dathan, Woof FM 1025
1448 WDJX 99.7 KY Louisville 700
17 Tr
1044 WORC 99.9 MA Barnstable, finally! 110
2151 WEGX 106.1 PA Philadelphia, finally! 190
18 Tr
1445 WSHZ 98.3 NY Rotterdam, Show FM 120

**WBOS
92.9FM**

NOTE #1: See Matt, I was trying to tape Hot 97 for you but all this \$@%# DX kept screwing things up!
NOTE #2: Decided to head home from Dunkirk Sunday night instead of driving 8 hours on Monday,
and boy what a right move. From about 12:15-12:45 the MS was so strong and constant that 99.7 was
usually 4-5 stations deep and almost never blank!! It was almost like weak e-skip. If this is what good
MS is like I'm hooked! My MS loggings jumped from 9 to 17. From 12:15-12:45 bursts per minute were
probably at 8. For the rest of the 2 hours bursts were around 100 per hour and durations from 1/2
second to 2 minutes. Incredible I could probably tell you almost every song WIMI played that afternoon.

STATION NEWS: KIQN 104.3 Rapid City, SD is expected on this fall, with country,
"Kickin' 104". WSTR 94.1 Atlanta has drifted into an "adult top 40" format. In South
Florida WZZR 92.7 has gone to album rock. WBLI 106.1 on Long Island has changed to an
upbeat a/c format. WJET 102.3, "Jet-FM 102" in Erie, Pa. is now "rock 40", similar to
the former ill-fated Pirate Radio in L.A. KTXN 98.7 Victoria, is back, K-Texan, mor/ez

DAVE NIEMAN-12284 NICE RD-AKRON NY 14001-9529

Equipment: Carver TX-11 modified IF, CM Stereo Probe 9 at 30". Alliance HD-73 rotor and RG-11 coax.

New loggings are underlined. New propagation mode WUWU. New call (KKKK).

Continued from September NORTHERN FM DX column.

JULY 1991 DX

<u>16 Tr</u>		
0840 <u>[WXC]</u>	102.7 MI Mt. Clemens, "XCD+call, j\$ 225	
	ex-WKSG	
0855 <u>[WUWU]</u>	105.5 OH Sylvania, "3UM"+call, 284	
	ex-WXEZ, rm\$	
1000 <u>KFMH</u>	99.7 IA Muscatine, call, rp\$ 650	
1200 <u>WJCH</u>	91.9 IL Joliet, "Family Radio", g\$ 504	
<u>17 Tr</u>		
0056 <u>WMVX</u>	99.1 WI Milwaukee, call, rm\$ 473	
0121 <u>WZOK</u>	97.5 IL Rockford, "97-ZOK", r\$ 536	
<u>18 ES</u>		
0941 <u>KDCK</u>	95.5 KS Dodge City, "K-95", r\$ 1182	
1146 <u>KUWR</u>	91.9 WY Laramie, call, kr\$ 1396	
	"Mostly Acoustic"	
<u>20 ES</u>		
1755 <u>WBRH</u>	90.3 LA Baton Rouge, call, \$ 1118	
1822 <u>WPCV</u>	97.5 FL Winter Haven, call, k\$ 1052	
<u>26 Tr</u>		
1317 <u>WNNR</u>	103.5 NY Sodus, call, op\$ 79	

Thanks to Bob Seybold for hosting the 1991
WTFDA convention. Dave30 ES

1122 <u>WSOR</u>	90.9 FL Naples, call, g\$ 1182	
<u>AUGUST 1991 DX</u>		
<u>6 TrS</u>		
0103 <u>WNYE</u>	91.5 NY New York (Brooklyn), call, 282	
	\$, WXXI signs off at 0100	
<u>12 MS</u>		
1226 <u>KFUO</u>	99.1 MO Clayton, call+"Classic-99" 691	
	\$(prev. tropo)	
1231 <u>KDEA</u>	99.1 LA New Iberia, call, \$ 1162	
	(prev. E-skip)	
<u>14 MS&Tr</u>		
0059 <u>KDSU</u>	91.9 ND Fargo, call, \$ 951	
0203 <u>WOBK</u>	91.5 OH Oberlin, call, rp\$ 232	
<u>20 AU</u>		
0910 <u>WEZw</u>	103.7 WI Wauwatosa, "Easy-104", 479	
	mr, (prev. tropo),	
<u>25 Tr</u>		
0100 <u>WYCA</u>	92.3 IN Hammond, call, g\$ 467	
0104 <u>WDID</u>	90.9 IL Glen Ellyn, call, j\$ 496	
from the college of Du Page....	
0809 <u>WGMM</u>	97.7 NY Big Flats, "GEM-97-7", o\$ 92	
0900 <u>CBON21</u>	104.9 ON Gogama, t FF 357	
0904 <u>CJQM</u>	104.3 ON Sault Ste Marie, 379	
	"Q-104", k\$	

DAVE NIEMAN-HO STA GEH RD-ROCK CITY NY

Equipment: Antennacraft FM-10 at 15 feet above ground; RG-6 coax. All new to Rock City log.

JULY 1991 DX continued27 Tropo&scatter, Gw

(Carver TX-11 used this time.)

1409 <u>WCVF</u>	88.9 NY Fredonia, call, p\$ 52	
1425 <u>WFLS</u>	93.3 VA Fredericksburg, lcl ads, m\$ 268	
1435 <u>WPHD</u>	93.3 PA Tioga, "92.5-KGB-FM", rp\$ 73	
1442 <u>WSTW</u>	93.7 DE Wilmington, call, r\$ 219	
1513 <u>WQKY</u>	99.3 PA Emporium, call, r\$ 36	
1522 <u>WFMZ</u>	100.7 PA Allentown, call, b\$ 183	
1527 <u>WLIF</u>	101.9 MD Baltimore, "Lite-102", mr\$ 211	
1550 <u>WKBN</u>	98.9 OH Youngstown, call, rm\$ 134	
1600 <u>WITF</u>	89.5 PA Harrisburg, ID, c\$ 146	
1619 <u>WHTF</u>	92.7 PA Starview, 167	
	"Starview-92-7", op\$	
1635 <u>WBLS</u>	107.5 NY New York, call, \$ 252	
<u>AUGUST 1991 DX</u>		
<u>16 tropo, scatter&Groundwave</u>		
1056 <u>WFMK</u>	99.1 MI East Lansing, call+ 309	
	"Lite Rock-99", rm\$	
1111 <u>WQCD</u>	101.9 NY New York, "CD-101.9", j\$ 252	
1136 <u>WUSL</u>	98.9 PA Philadelphia, "Power-99", s\$ 223	
1140 <u>WLZW</u>	98.7 NY Utica, call, mr\$ 171	
1230 <u>WAEB</u>	104.1 PA Allentown, call, r\$ 183	

16 tropo, scatter&Groundwave continued

1233 <u>WQAL</u>	104.1 OH Cleveland, ...all new 167	
	"Q-104", rm\$	
1305 <u>CBQK</u>	103.3 ON Ottawa, "CBC \$", c\$ 272	
1352 <u>WAVR</u>	102.3 NY Waverly, lcl ads, \$ 98	
1500 <u>WNJA</u>	89.7 NY Jamestown, ID w/WNED 42	
	c\$	
1554 <u>WCIH</u>	90.3 NY Elmira, "Family Life 90	
	Radio", g\$	
1603 <u>WCRH</u>	90.5 MD Williamsport, call, g\$ 177	
1646 <u>WKYS</u>	93.9 DC Washington, call, s\$ 227	
1700 <u>CJLA</u>	104.9 PQ Mirabel, 325	
	"Radio Fusion", \$	
<u>24 tropo&scatter</u>		
(Technics ST-8080 used this time.)		
1130 <u>WSCP</u>	101.7 NY Pulaski, call, k\$ 154	
	(report from NY State Fair)	
1143 <u>WYFM</u>	102.9 PA Sharon, 116	
	"Light Rock 102.9" rm\$	
1241 <u>WKDD</u>	96.5 OH Akron, call+"96-FM", r\$ 169	
1500 <u>WRIJ</u>	106.9 PA Masontown, ID, g\$ 171	
1528 <u>WKXZ</u>	93.9 NY Norwich, "KXZ", mr\$ 154	

100.3 Ottawa Ontario is now on with programming. Calls are CJMJ with light rock and some oldies. Non-ID is "MaJic-100" but not strict. I had to put the Denon TU-720 tuner to rest after I modified the circuit board with a 1/2" drill bit. I pickup a used Technics ST-8080 tuner. It uses 4 ceramic filters which I'll change to 150khz as soon as I can get them. Dave

WILLIAM R. HEPBURN - 1211-1547 MISSISSAUGA ULY BLV - MISSISSAUGA ON LSA 3XB
(CDT)

Equipment: modified JVC R-X330U w/12th floor balcony dipoles
Realistic PRO-2004 w/indoor 4-bay UHF for UHF STLs

JULY 1991

1 ES
1953 WRMF 97.9 FL Palm Beach 1170
1955 WDUV 103.3 FL Bradenton-Sara- 1130
St Pete-Tampa
(20 db)
2004 WDIZ 100.3 FL Orlando 1040
WQIK 99.1 FL Jacksonville 920
(10 db)
2005 WEDR 99.1 FL Miami I
2017 WNFJ 94.3 FL Lake City 940
(10 db)
WLVE 93.9 FL Miami Beach- 1215
Fort Lauderdale
(10 db)
2020 WMTM 93.9 GA Moultrie I
(w/k mx 92/SCA)
2055 WHEW 101.9 FL Fort Myers-Naples I
2059 WPCU 97.5 FL Winter Haven- 1080
Lakeland-Orlando
2102 WILN 105.9 FL Panama City 980
2138 KODA 99.1 TX Houston I
2 ES
1258 MUF 91.9
4 Tr
0147 CBO 91.5 ON Ottawa (mono) I
(blank carrier)

4 Tr
0148 CFMO 93.9 ON Ottawa 225
(10 db)
0214 CJBO 455.9375 ON Belleville 124
(AM-800 STL)
(ex-455.2125)
8 ES
1258 unid 91.7 ?? "Sunshine Radio" I
1358 WYFO 91.9 FL Lakeland 1085
1415 WPAP 92.5 FL Panama City 980
1417 WMNF 88.5 FL Tampa 1100
1428 WCMQ 92.3 FL Hialeah-Miami 1225
(SS)
19 ES
1720 WQBA 107.5 FL Miami (SS) 1220
1726 WMXJ 102.7 FL Pompano Beach- 1200
Ft Lauderdale-Miami
1736 WEDR 99.1 FL Miami I
20 ES
1626 MUF 107.5
1640 WCMQ 92.3 FL Hialeah-Miami (SS) I
1655 WEDR 99.1 FL Miami 1220

WISH 95 fm

Comments: Looking at this report..you'd think that I was LIVING in Florida, hi!
I bought a package of 50 switching diodes at Radio Shack and began to mess
around some more with my receiver's digital tuning. I've now installed a toggle
switch to switch between 0.1 and 0.05 increments. (This same switch
simultaneously switches AM between 10 and 9 kHz increments). Too bad the 0.1
increment isn't 0.2! There are 3 places for diodes in the FM section...the 2 for
deciding increments..and a third which converts the tuner to the Japanese 76-90
MHz FM band. Handy for future use...especially if our FM band eventually expands
to 76-108 MHz..which I think it will. (Music AM stations could switch to FM
leaving AM for clear-channel sports, talk, weather, trucker programming, etc. --
a cleanup of the clear channels is the only saviour for AM..as reliable
long-distance reception is it's only real advantage over FM. Right now, many of
the clear channels are anything but.)
73s til next time, Bill.

JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080

Equipment - McIntosh MR-78 tuner/stacked Stereo Probe 9s, with rotor at 40 ft.

Time: ELT

AUGUST 1991

26 Tr
0609 WRFX 99.7 NC Kannapolis, call +
"The Fox", r 487

26 Tr
2135 WJRK 102.7 NJ Petersburg, ID, Yankee 93
Baseball o/local WNEW
30 Tr
2209 WRTY 91.1 PA Jackson Twp., j, // to
WRTI-90.1 w/WRTI/WJAZ/WRTY ID 58

COMMENTS: A very slow month for DX. Otherwise, a "FM13" was tried for about 10 days but I
was less than happy with its performance. Although there seemed to be somewhat better nulls
on a few channels (notably 105.5, 106.3, and 107.1 possibly), overall I was less than
impressed as I partially or completely lost a number of nulls I now enjoy with the stacked
Stereo Probe 9s. I was particularly distressed to completely lose the nulls on WJLK-94.3 and
WNWK-105.9 and the loss of WJBR-99.5 and WKSZ-100.3 over locals under average summertime
conditions. Some deep nulls on Philadelphia signals were also compromised to varying degrees.
No improvement was noted on nulling locals (if anything, that was also reduced) and no
improvement on beamwidth, generally speaking, was noted either. Sensitivity on the FM-13, as
others have noted, was less than stacked SP9s. I would estimate similar to a single SP9.
Although I did not think the FM-13 was a bad antenna (it isn't bad at all), my preference is
for the stacked Stereo Probe 9s.

73, Joe

MIKE CHERRY - BOX 631 - GANGES, BRITISH COLUMBIA, CANADA V0S 1E0

(604) 537-5201, PDT. Equipment/Antennas: see previous NFM, ● = mobile logging

JULY 1991 DX

19 Es

1816 KLNE 88.7 NE public affairs 1311
1817 KZNA 91.1 KS c\$ concert
1824 unID 90.1 "KS90", garage rock
1827 KJLS 103.3 KS ads, Hays refs
1830 KANZ 90.5 KS // 91.1
1833 KSRQ 90.1 MN, DJ gave out
request line no with ID, rp\$
1838 KQHT 96.1 (MN) Magic 96, AC, \$

22 Es

0602 KXPQ 88.9 CA Morn. Ed, ID, wx\$739

22 Tr

0843 KFFM 107.3 WA CHR,wx, ads\$ 213
0830 KATS 94.5 WA, PSA, ads 213
0900 KFAE 89.1 WA NPR news, ID 279

AUGUST 1991 DX

5 Tr ● Campbell River BC

0645 KINK 101.9 OR Portland, traffic,rp
0657 KMHD 89.1 OR, ID, wx, promos
0700 KBPS 89.9 OR, ID, NPR news
0708 KXYQ 105.1 OR, Q-105, CHR mx 4121
0717 KMNT 102.9 WA, k, K-103, \$
0733 KXXO 96.1 WA, Mix 96, AC mx
0737 KPDQ 93.7 OR, g, church PSAs 368
0743 KBOO 90.7 OR, rap music 377

6 Es ● Comox BC

1012 KPHF 88.3 AZ, g\$, promos
1016 KJZZ 91.5 AZ, j\$, fund raiser
1018 KNNB 88.1 AZ, native folk music
1023 KQNMt 93.7 NM, mention Gallup

7 Tr/MS ● Quadra Is., BC

2200+ Seattle FM's \$ strong 238
2304 KZLS 97.1 MT, "just north of
I-90 at Coulson Park where.."

11 MS

2234 CISN 103.9 AB "country Kissin"



August has finally produced a but more Es. I have been concentrating more on 6 meters and TV for E-skip as I am increasingly getting more and more frustrated by non-IDs on FM stations. Even 10 years ago logging skip was much easier as more stations used their actual calls. Fortunately, I had my FM Atlas with me on my holiday up Vancouver Island. On the 6th I had numerous unIDs whilst driving near Comox. None of them gave calls, just slogans etc. Very frustrating! I finally snagged northern Oregon tropo from Campbell River but no sign of Alaska or Northern BC this year. My May 18 logging of "99X" remains a mystery. Perhaps it was a signal from the first hop zone (Colo. & New Mexico in on 6 meters as well as E-E to south Texas) (Mike, since last month I have confirmed that Brownsville is still KRGY. It probably was, as you say, single hop. Keep an eye on FCC/FM for changes there-gc). Zillions of non-IDs meteor bursts this last month - especially in some of the FM quiet valleys of Vancouver Island where no locals or semi-locals penetrate. Hope the end of the summer skip season is treating everyone better than the first half!73\$ Mike VE7SKA

GEORGE C. GREENE - 1527 SUNSET AVENUE - AKRON, OH IO 44301

Equipment: McIntosh MR78 tuner, Stereo Probe 9 approx 35' above ground

JUNE 1991 DX

1230 WPHR 107.9 off the air with EZ noted to the SW
(???) (There is an EZ on in Delaware, Ohio, I don't
remember the calls-gc), country to the west (probably
pittsburgh off back) and 2 ACs to the northwest.

JULY 1991 DX

1 Es (Thanks, Matt, for the call)

2058 WZZR 92.7 FL Stuart, top 40 music
2133 KISR 93.7 AR Fort Smith, Kissers
Webbs Firework Sport
2100 WMFQ 92.9 FL Ocala
2135 WMTQ 93.5 FL Port St Joe, news
2143 KXXY 96.1 OK Oklahoma City, country music

1 Tr

1950 WBNV 93.5 OH Barnesville, satellite oldies
a new semi-local

AUGUST 1991 DX

23 Es

1824 KEEZ 97.3 TX San Antonio, country music
(George, is this a call change from KAJA?-gc)
1829 KTDR 96.3 TX Del Rio, top 40, Power 96

AUGUST 23 Es cont

1831 KBTS 93.3 TX Killeen, top 40, B-93
Foley's ad, jock was Linda Energy
1832 unID 93.3 Paul Harvey news with KBTS
1834 KSRR 92.9 TX San Antonio, a/c music,
traffic watch, "new Star 93"
1855 KSAQ 96.1 TX San Antonio, AoR, 96 Rock
1839 KPLE 104.3 TX Temple, country "superstar"
1841 KQXT 101.9 TX San Antonio, soft a/c music
KLRN-TV spot, "KQ102" beach report
1858 KBNJ 91.9 TX Chorus Christi, legal ID
1906 KTFM 102.7 TX San Antonio, Hot 103, urban
1908 KLVE 107.5 TX San Antonio, tent. reception
1912 KLCR 102.3 TX Center
1918 KYTX 97.9 TX Beeville, "Y98", oldies
1930 KVIC 95.1 TX Victoria, "adult hit radio" slogan
2001 KIWW 96.1 TX Harting, Spanish music
English ID, including 100,000 wans, FM Stereo
2008 KVMV 96.9 TX McAllen, religious
1945 unID 102.5 country music, "K-102.5" (George
KMKS uses that slogan, but they are adult con-gc)

GEORGES COMMENTS ON NEXT PAGE

GEORGE GREENE's comments.

As others have noticed, "skip" has been fairly scarce this season. No big week of FM DX in early July this year, but July 1st itself did feature some skip. The surprise, tho, was Friday the 23rd of August, which had a strong but narrow opening to the Corpus/San Antonio/McAllen area. Now let's see what happens with the fall tropo. New catches are underlined. 73, George.

ROBERT S. ROSS VE3 JFC - BOX 1003 STN B - LONDON, ONTARIO CANADA N6A 5K1

Equipment: Marantz 2226B, FM beam for antenna

JULY 1991 DX

26 Es
2310 KNTU 88.1 TX Denton, wx rpt, calls
30 Es
2355 WMNF 88.5 FL Tampa, gave ID and address in Tampa, 2 OM DJ's tx
1826 WAYJ 88.7 FL Ft. Myers, Christian Hit Radio, Way FM 88.7", ID, gospel rock
1830 WEOW 92.5 FL Key West, rock mx, "You're locked into Wow- 92.5 FM"

AUGUST 1991 DX

7 Tr
2352 WTUZ 99.9 OH Ulrichsville, c/w, "This is Z-Country, WTUZ Ulrichsville", CNN news
13 Tr
0058 WJNA 89.7 NY Jamestown, wx @ 0058, gave Buffalo temp, "94.5 WJNA in Buffalo & 89.7 WJNA Jamestown", classical music

dbRUCE HALL - 5 STIRTON AVE - BRANTFORD, ONTARIO CANADA N3T 1E2

Equipment: JVC JRS 201, receiver (mod w/3 150 filters) Magnum Dynalab 205 signal sleuth probe 9 fed with RG6 at 50' AGL, Crown Rotor, distances are in kilometres.

JULY 1991 DX

29 GW
0702 CIMX 88.7 ON Windsor, p, 89X (ex Mix FM) "CIMX in Windsor Detroit", Cure mx 253
31 Tr
0715 (WKKO) 99.9 OH Toledo, k, K100, ex WKLR Under CKFM 99.9 Toronto 40kw at 50 km. 313

AUGUST 1991 DX

5 Tr
0850 WDBM 88.9 MI E.Lansing, p, Impact (ex 89FM) "89FM The Impact" 350
7 GW
0700 WJNA 89.7 NY Jamestown, c // WNED 94.5 "Buffalo, legal ID for both 192
12 MS/Trs
0600 WVOD 99.1 NC Manteo, m "99VOD" hrd 886
0650 WWSW 94.3 MI Mackinaw City, m, WS Simon and Garfunkel mx after sports 460
13 MS
0037 WEDR 99.1 FL Miami, s\$, 99 Jams 1909
0900 CHIQ 94.3 MB Winnipeg, r, Q94, "Good morning it's 6 o'clock, Q94 satellite weather, hot time in the old town tonight continues today at least and tomorrow, right now in WINNIPEG we have 18 degrees" Stronger and longer than previous log on June 20, 1991 1518

August 20 GW

0803 CFRU 93.3 ON Guelph, p after my phone request for song, "New Order, a request from Brantford this morning, this is CFRU 93.3 FM in Guelph, were testing power increase, were broadcasting at 250 watts", former 50 watts 70
22 Tr
0714 WHTX 96.1 PA Pittsburgh, ro, Variety 96 New non ID (Bruce, new calls: WVTY-gc) 309
23 Tr
0700 WZRO 98.3 IL Farmer City, k, "At 98.3 FM Five county country WZRO Farmer City - Champaign" followed by news 773
24 Trs
0720 WSNX 104.5 MI Muskegon, r, Sunny FM Muskegon's better mix 104.5 Sunny FM 495
0743 WOKT 104.5 OH Wooster, k, after sports "52,000 watts power house" at 0756 299
24 Trs
0849 WRKY 103.5 OH Steubenville-Wheeling, r, "Rocky 103.5", under CIDC, 70 km away 322
25 Tr/Trs
0700 WCCR 92.7 PA Clarion, r, C93, "92.7 your home of continuous rock WCCR Clarion C93FM" under CJBX London 50 kw, 60 km away 230
0800 WOLW 91.1 MI Cadillac, g, after USA RADIO news, under CJRT at 50 km away 437

Finally found a way to null my strong locals. I have to off-tune both Sleuth and JVC below desired frequency to distort local and of course a lot of antenna orientation is required too. I wonder if my MAGNUM DYNALAB omni directional whip at 55' could be phased with my Probe 9. Both have 75 ohm leads and are 5' apart? Most happy with CHIQ WINNIPEG heard many times during PERSOID shower on tape. Also thought I has E-skip opening 08/13 at 0037 WEDR but after talking to BILL NIENAJADLY about it, we both felt it was ms. I have a 13 minute continous log in stereo at times but signal was uneven and wavy. Kudos to BOB SEYBOLD for hosting another successful convention. Enjoyed meeting all again and hope to see more of you next year. Thanks again Bob! 73
MORE STATION NEWS- WJMQ 102.5 Buffalo is now hot a/c, with a "Q-102" slogan. WBNV Barnesville, Ohio (93.5) is on with oldies. KHYI 94.9 Dallas may be dropping their top 40-dance "Power 95" format soon, more later. WQEN 103.7 Gasden, Alabama is a/c.

RALPH STROBEL - 106 E. DAVIDSON STREET - MUNCIE, INDIANA 47303

Equipment: McIntosh MR-78 FM Tuner with two CM Stereo Probe 9 antennas and rotors at 38 and 36 feet above ground with phase box built by Andy Bolin - Charleston, IL

July 1991 (GDT)

12 MS	88.1 TX Denton	809	30 Es (July cont'd)	
15 MS	88.7 FL Fort Myers	959	1315 C--- 103.7 CU Havana, SS mono	1191
0522 WAYJ	89.5 NM Portales, \$	1071	(mentioned Havana and Cuba)	
15 Es	104.5 WI Plymouth-Sheboy-	275	1319 WAIL 99.5 FL Key West, rp\$	1100
2000 KENW	104.5 IN Indy) gan, rm\$ 50		1320 WITS 107.1 FL Key West, r\$	1100
17 tr			1336 WINK 96.9 FL Fort Myers, r\$	959
0000 WXR	89.7 CO CO Springs, r\$	1040	1340 COGO 97.7 CU Havana, SS mono	1191
(o/WAJC			(COGO calls given five times)	
18 Es			1352 C--- 95.9 CU Havana, SS nx	1191
0928 KUVO	89.3 CO Denver, t\$	1040	ID: "Radio Reloj," 250w	
0929 KCFR	90.1 CO Denver, nx\$	1040	1400 WSEB 91.3 FL Englewood, g mono	930
0929 KWBI	91.1 CO Morrison, g\$	1040	1410 WAYJ 88.7 FL Fort Myers, g\$	959
1012 KRDO	95.1 CO CO Springs, b\$	1040	1412 C--- 100.7 CU Havana, l\$	1191
1033 KRAI	93.7 CO Craig, o\$	1150	ID: "Radio Cadena Havana"	
1039 KEPC	89.7 CO CO Springs, r\$	1040	1451 WJIS 88.1 FL Bradenton, g\$	892
ex-90.5			1457 WUSF 89.7 FL Tampa, c\$	861
1044 KHOW	95.7 CO Denver, ex-KSYY	1040	1500 C--- 93.7 CU Havana, b\$	1191
1132 KQSW	96.5 WY Rock Springs, k\$	1255	ID: "Radio Encyclopedia"	
19 tr			1511 C--- 102.9 CU Havana, SS mono	1191
0000 WMLI	96.3 WI Sauk City-Madi-	309	ID: "Radio Metropolitana"	
(o/WBEM	96.3 IL Chicago) son, r\$	165	1522 WSOR 90.9 FL Naples, g\$	992
0003 KRIT	96.9 IA Clarion, r\$	455	1531 WAKS 103.7 FL Cape Coral-	962
19 Es			"Kiss-103.7" Fort Myers, r\$	
1800 WUWF	88.1 FL Pensacola, nx\$	682	1535 WAVV 101.1 FL Marco, r\$	1006
1820 WFIT	89.5 FL Melbourne, p\$	885	1537 WEEJ 100.1 FL Port Charlotte, r\$	931
1828 WFLC	97.3 FL Miami, r\$	1040	1541 WMNF 88.5 FL Tampa, \$	861
1830 WMFE	90.7 FL Orlando, c\$	836	1547 WQLM 92.9 FL Punta Gorda-	935
1836 WNCM	88.1 FL Jax, calls, \$	712	ex-92.7 Port Charlotte, mr\$	
1844 WMMZ	93.7 FL Ocala, ads, \$	782	1550 WYMF 94.9 FL Tampa, r\$	861
1852 WCMQ	92.3 FL Hialeah-Miami,	1030	1557 WCKT 107.1 FL Lehigh Acres, k\$	962
"FM Noventa y Dos"	SS, l\$, Miami ads		"Cat Country-107"	
1900 WMGF	107.7 FL Mount Dora-	814	1603 WHQT 105.1 FL Coral Gables, r\$	1040
"Magic 107.7"	Orlando, r\$		1617 WUWS 104.7 FL Big Pine Key, r\$	1100
1905 WKQL	96.9 FL Jax, o\$	712	1621 WKTK 98.5 FL Crystal River, r\$	795
1906 WAOA	107.1 FL Melbourne, s\$	885	1625 WSEH 103.5 FL Fort Lauderdale, r\$	1018
1909 WIVY	102.9 FL Jax, ads, r\$	712	1630 WGUW 92.7 FL Marco, vx\$	1006
1916 WQOL	103.7 FL Vero Beach, r\$	912	1635 WFKZ 103.1 FL Plantation Key, r\$	1088
1918 WAPE	95.1 FL Jax, ads, r\$	712	1638 WEZY 94.1 FL Lakeland, b\$	861
1923 WAXY	105.9 FL Fort Lauderdale-	1018	1641 WKTS 99.9 FL Boca Raton, k\$	1002
"Mix-105.9"	Miami, r\$		1644 WRMB 89.3 FL Boynton Beach, g\$	992
1926 WKIS	99.9 FL Boca Raton, k\$	1002	1644 WCNO 89.9 FL Stuart, g\$	944
20 Es			1653 WLVE 93.9 FL Miami Beach, ads\$	1040
1913 KMCM	92.5 MT Miles City, r\$	1100	1656 WMCU 89.7 FL Miami, g\$	1040
1920 KYIA	93.3 MT Billings, ads\$	1222	1659 WXEL 90.7 FL W. Palm Beach, t\$	979
1925 KIDX	98.5 MT Billings, ads\$	1222	31 Es	
1929 KEGC	90.7 MT Miles City, 500w	1100	1521 WSCF 91.9 FL Vero Beach, g\$	912
1940 KIKC	101.3 MT Forsyth, ads, k\$	1130	1524 WQCS 88.9 FL Fort Pierce, c\$	926
(o/WFMG	101.3 IN Richmond)	40	1526 WKPX 88.5 FL Sunrise, p\$	1010
1949 KZLS	97.1 MT Billings, rp\$	1222	1537 WZZR 92.7 FL Stuart, r\$	944
(o/WENS	97.1 IN Shelbyville-Indy)	50	1538 WMCU 89.7 FL Miami, g\$	1040
21 tr			1544	104.5 BA Nassau, r\$
2000 WSEK	97.1 KY Somerset, k\$	230	(o/WAJC	104.5 IN Indy)
(o/WENS	97.1 IN Shelbyville-Indy)	50	1553 WKPZ 103.1 FL Plantation Key, \$	1088
22 tr			1559 WAPN 91.5 FL Holly Hill, g\$	798
0101 WWWQ	105.3 KY Glasgow-Bowling	225	1600 WMTE 91.5 FL Cocoa-Melbourne, g\$	859
ex-WOVO	105.5 KY Glasgow Green, r\$		1610 WUWS 104.7 FL Big Pine Key, ads\$	1100
30 MS			1612 WIVY 102.9 FL Jax, "Y-103," r\$	712
1949 KZLS	97.1 MT Billings, rp\$	1222	1615 WKLG 102.1 FL Rock Harbor, k\$	1080
1949 KZLS	97.1 MT Billings, rp\$	1222	1619 WMXJ 102.7 FL Pompano Beach, o\$	1009
1949 KZLS	97.1 MT Billings, rp\$	1222	1624 WLRQ 99.3 FL Cocoa, ads\$	859
1949 KZLS	97.1 MT Billings, rp\$	1222	1633 WFIT 89.5 FL Melbourne, p\$	885
1949 KZLS	97.1 MT Billings, rp\$	1222	1650 WCAC 105.5 FL Sebring, ad\$	905
1949 KZLS	97.1 MT Billings, rp\$	1222	1659 WGNB 98.1 FL Titusville-Daytona	840
1949 KZLS	97.1 MT Billings, rp\$	1222	"Frog-98,"	Daytona ads, k\$
1949 KZLS	97.1 MT Billings, rp\$	1222	1700 WAFG 90.3 FL Fort Lauderdale, g\$	1018

31 Es (July cont'd)

1703 WOVV 95.5 FL Fort Pierce, r\$ 926
 (o/WFMS 95.5 IN Indy) 50
 1714 WMMO 98.9 FL Orlando, r\$ 836
 (o/WBYR 98.9 OH Van Wert-Fort Wayne) 1100
 1716 WQOL 103.7 FL Vero Beach, ads\$ 912
 1720 XHMT 98.5 YU Merida, SS, ads\$ 1351
 (mentioned Merida, Cancun, and Yucatan)

August 19916 MS

0650 KFNF 101.1 KS Oberlin 795
 0652 KWOX 101.1 OK Woodward 802

8 MS

2229 WJIS 88.1 FL Bradenton 892
 9 MS

0217 WKRY 93.5 FL Key West 1100
 0333 WZDZ 93.5 NC Shallotte, 577
 Previous Es

12 MS

0148 WKRY 93.5 FL Key West 1100
 0324 KWGM 93.5 NE Columbus 632
 0500 WHBC 94.1 OH Canton-Akron, 215
 (closest MS) Previous tr

???? KSCS 96.3 TX Fort Worth 839
 ???? KSCS 96.3 TX Fort Worth 839
 ???? KSCS 96.3 TX Fort Worth 839
 ???? KSCS 96.3 TX Fort Worth 839
 ???? KSCS 96.3 TX Fort Worth 839
 ???? KSCS 96.3 TX Fort Worth 839
 1109 KLLL 96.3 TX Lubbock, 1017
 Previous Es

1122 KSCS 96.3 TX Fort Worth 839
 1239 KSCS 96.3 TX Fort Worth 839

13 MS

0146 KWGM 93.5 NE Columbus 632
 ???? UNID 91.1 ?? ? 777

14 MS

???? WJIS 88.1 FL Bradenton 892

15 tr

2300 WTRJ 96.9 OH Troy, o\$ 60
 (new and very poor signal here - good!!)

20 tr

0128 WNLN 104.3 OH Harrison-Cincin- 72
 (o/WLBC 104.1 IN Muncie) nati, gr\$ 6

22 tr (Aug cont'd)

2310 WUPS 98.5 MI Houghton Lake, r\$ 282
 (o/WNNW 98.5 MI Coldwater) 122
 2359 WSMK 99.1 MI Buchanan, mr\$ 125
 (o/WFMK 99.1 MI East Lansing) s/off 182

23 tr

0300 WSTD 96.9 MI Standish, r\$ 278
 (o/WLAV 96.9 MI Grand Rapids) 192
 1100 WABT 103.9 IL Dundee- 193
 Schaumburg, PSA, \$

23 Es

1712 KNAV 92.5 TX Navasota, o\$ 915
 (Station # 2000 !!)

1718 KATG 94.7 TX Luling-Austin, k\$ 998
 (o/WFBQ 94.7 IN Indy) 50
 1723 KVIC 95.1 TX Victoria, rp\$ 1027
 1726 KAJA 97.3 TX San Antonio, k\$ 1050
 1731 KSWP 91.1 TX Lufkin, g\$ 805
 1733 KBWC 91.1 TX Marshall, calls 723

1733 K214BE (TX Tyler KVNE 89.5)

90.7 LA Shreveport, g\$ 706
 1735 KSRR 92.9 TX SAT, r\$, ex-KITY 1050

1737 KPLE 104.3 TX Temple, nx\$ 905

1739 KERE 106.3 TX Kermit, k\$ 1150

1752 KNUU 101.5 TX Tyler, nx\$ 773

1800 KBNJ 91.9 TX Corpus Christi, g\$ 1098

1801 KIWW 96.1 TX Harlingen, SS\$ 1210

1804 KQUE 102.9 TX Houston, nx\$ 915

1808 KDBH 97.7 LA Natchitoches, nx\$ 723

1809 KMXR 93.9 TX Corpus Christi, r\$ 1098

1819 KL0L 101.1 TX Houston, ads\$ 915

1824 KJIC 88.1 TX Pasadena, g mono, 913

(Station # 51 on 88.1, my best freq)

1826 KZSP 95.3 TX S Padre Island, o\$ 1190

1834 KLTR 93.7 TX Houston, mr\$ 915

1836 KBCE 102.3 LA Boyce-Alec., ads\$ 730

1841 KTFE 92.5 TX Groves, ads\$ 855

1859 KTXB 89.7 TX Beaumont, g\$ 854

25 tr

0347 WLEW 102.1 MI Bad Axe, r\$, 278
 ex-92.1 "Cruise-102.1"

(o/WINT 102.1 OH Lima) 78

0422 WTLZ 107.1 MI Saginaw, s\$ 235

(o/WAMX 107.1 MI Ann Arbor) 169

Meteor Scatter Results:

7/12 KNTU "...and your jazz and more station, KNTU..."

7/15 WAYJ "...each month we ask for your support, because we are listener supported. Your church asks for your support. Your tithe goes to the church, and your extra money goes to Way-FM, if that's where you want it to go....and need your continuing support. Way-FM..."

7/30 WUWF "...Coming up on our program this morning, we'll hear the Pensacola Symphony Orchestra perform music of Beethoven..."

8/ 6 KFNF "...first of all in Kansas, Goodland reporting fog with mild visibility, 65 degrees, partly cloudy... FM-KFNF..."

KWOX "...The Woodward art sale..."

8/ 8 WJIS "...Hi, I'm Jack Cartwright for New Life In Christ Fellowship in Tampa..."

8/ 9 WKRY "...makes you feel good on Key-93..."

WZDZ "...Good morning. I'm John Morrison in the WZDZ weather center..."

8/12 WKRY "...and breakfast and gourmet burgers all our own - Mary's of Key West..."

KWGM "...93.5 KWGM..."

WHBC "...WHBC-FM Canton-Ak..."

KSCS "...Please welcome to the KSCS microphone, ladies and gentlemen, the one the only, Ervil Hicks. You know what makes me sick?...I'm gonna braid my nose hairs in pigtails and call myself..."

KSCS "...Fort Worth members... based on saleries in Dallas..."

KSCS "...with KSCS traffic..."

KSCS "...When it comes to child care, saving \$75.00 isn't the only reason.....KSCS..."

- continued -

8/12 KSCS "...KSCS back to back country | country leader 96.3 KSCS..."
all day all weekend. This is your | 8/12 KSCS "...96.3 KSCS at home, work..."

KLLL "...K-Triple-L, country for the 90's. George Strait...ha ha ha, oh well anyway - Mark Chestnut and You're Love is a Miracle...It's 11:09...Did he really say that? Yes he did, and partly cloudy, 72 degrees. Don't forget, it's the Triple L South Plains Mall bypass. Your chance and your opportunity to win one, one of three, yes count 'em, 1-2-3 \$1,000 shopping spree we're gonna give away, and you have a chance to win that. Keep listening - country for the 90's K-Triple-L..."
(one minute burst)

8/12 KSCS "...96.3 KSCS. It's 11:22.
We're rollin' through ten back to back
hits at the home of the thousand dollar
bumper sticker. Here's..."

KSCS "...96.3 KSCS. E.T. Conway and
A Shadow of a Doubt. It's 12:39 KSCS..."

8/13 KWMG "...93.5 KWMG..."
unID "...Our address in Bermuda is

ZBM Box 922 Rurick, Bermuda. WKBX -
Here's the friends weather forecast
to..." (Can anyone help??)

8/14 WJIS "...Memorial Hospital,
Bradenton. For more info contact us here
at Joy-FM. More of your positive hits -
WJIS Bradenton-Sarasota-Fort Myers-
Tampa Bay..."

After complaining about poor reception in June, July and August turned out to be much better. July 30-31 found the best skip opening to FL, Cuba, and the Bahamas I've seen here. Many thank yous to Arnie Coro for sending the Cuban FM information. I was able to ID six Havana stations. The only discrepancy found (July VUD, p. 22), is that Radio Metropolitana is on 102.9 rather than 102.7. (A type?) Those heard broadcasting in Stereo were 93.7 95.1 and 100.7. I did hear 95.1 c\$, and 90.3 SS mono, but could not ID either, so uncountable. 92.1 and 98.7 were not heard due to my local on 92.1 and 98.7 in Key West, FL which was blasting in!

The listing of "FM Operations in the Caribbean Area," (August VUD p. 8-9), is interesting and nice to have. However, I find two omissions. A 107.7 SS mono station mentioning Havana and Cuba frequently was heard by Dave Brumfield, Richmond, IN, Andy Bolin, Charleston, IL, and myself. Perhaps a new station has come on the air recently in Havana? A 104.5 Nassau, Bahamas is also missing from the list. I note that a 107.1 and 107.9 are given for Nassau. The 107.1 was heard by Keith Pugh in AL, but has anyone ever heard the 107.9? Does it exist?

On July 31 Dave Brumfield called me from Richmond, IN as he was getting 104.5 in the Bahamas. I tried for it, but WAJC Indianapolis dominated. I began adjusting my phase box, and bingo! The Nassau station came in o/WAJC with the DJ announcing birthday greetings to area residents. Then he said, "The afternoon drive at 104.5, the music favorite in Nassau." After a song was played, I heard the DJ mention Bahamas. The Es was barely strong enough at the time to receive this station. Without the phase box, it wouldn't have been there.

I wrote WXUT at the University of Toledo to ask if they and WXTS, Toledo Public Schools, had separate transmitters. After three months, an answer was received. The only thing WXUT and WXTS share is the frequency. WXUT has an ERP of 100 watts with a height of 57.5 meters, while WXTS is still at 107 watts with a height of 38 meters. The WXTS cp of 1988 never materialized, as they didn't receive the needed money for a power increase. Keith Bergman, Traffic and Continuity Director of WXUT said, "We went open-air November 2, 1990, and the response so far from the Toledo community has been phenomenal. WXUT previously was carried by the Buckeye Cable System at 106.1 FM." WXUT & WXTS are on 88.3.

Andy Bolin and I have locals on 92.1. Andy bet me a coke he could log a station by Es on 92.1 over his local before I did. Well, I lost. Andy taped WCTQ Venice, FL mixing with his WEIC local, only 2.7 miles from his house at 5100 watts! I heard his tape mention "92-CTQ," when he played it over the phone for me. This shows us what a phase box can do. Andy would be willing to draw up an installation and use manual and sell his invention at a reasonable price if enough DXers were interested in purchasing a phase box. No, I was not given a schematic, nor did I ask for one. After a year of experimenting and \$800.00 in parts, Andy finally came up with the right solution. One may write to Andy at 709 Lincoln, Charleston, IL 61920. His telephone: (217) 345-5778. Not only does Andy build boxes for FM, but also for TV channels 2-6 and 7-13. There are phase boxes on the market, but Andy says, "Beware!" The ones he has seen advertised can not search in a 360 degree circle and often times one has to change cable lengths for each frequency, which would be total nonsense for us DXers. I recommend to everyone to investigate the Andy Bolin phase box.

Am I the third person to log over 2,000 FM stations from one location? I'll be watching FM Statistics when Fred Nordquist has his column. More later! 73-Ralph

JEFF FALCONER - BOX 63 - CLINTON, ONTARIO N0M 1L0

Equipment: Magnum Dynalab FT-101A, Stereo Probe 9 at 27' w/rotor, RG-11u feed, Magnum 205 amp

JULY 1991 DX

1Es
 1223 WMMZ 93.7 FL Ocala, r\$, Z93 983
 1225 WRKX 96.1 FL Bonita Sps,r\$, K-Rock 1173
 1232 WQLM 92.9 FL Ocala, rm\$, ID
 (Jeff, WQLM is in Punta Gorda, Fla.-gc)
 1234 KMOO 96.7 TX Mineola, events\$ 1080
 1239 WJIS 88.1 FL Bradenton,g\$, Joy FM 1102
 1241 WCIE 91.1 FL Lakeland, g\$ 1087
 1243 WCYU 94.5 FL Naples, b\$, Seaview 1184
 1254 WOLZ 95.3 FL Ft. Myers,ro\$, Oldies 951158
 1257 KSBj 89.3 TX Humble, wx rpt\$ 1211
 1259 WDDQ 92.1 FL Adel, tourist info, mono 861
 1309 KNCT 91.3 TX Temple, only weak ID 1207
 1318 KTKX 91.5 TX Texarkana,
 lengthy newscast\$ 1000
 1322 KBHT 93.5 TX Crockett, local ads 1154
 1330 KQDN 92.7 AR DeQueen, ad for
 Jeans Jeans in downtown DeQueen 967
 1930 WQLM 92.9 FL Punta Gorda, ads, ID\$ 1140
 1933 WUJM 94.3 SC Goose Creek, rs\$
 94 Jams 726
 1937 unID 93.9 ads for stores in Safety Hbr
 new station? (Maybeit was a different
 Safety Harbor-WEZY 94.1 seems too close-gc)
 1939 WKOA 94.5 SC Murrels Inlet, contest
 promo\$, Coast 94.5 693
 1944 WRMF 97.9 FL Palm Beach, r\$, ID 1157
 1946 WYBB 98.1 SC Folly Beach, kr\$ 753
 1947 WSUY 100.7 SC Charleston, rm\$
 Sunny 100 FM 739
 1949 WSTF 101.1 FL Cocoa Beach, rm\$ 1036
 1950 WEZL 103.5 SC Charleston, k\$,
 The Weasel 739
 1952 WXCy 102.5 SC Charleston, ro\$, ID 739
 1954 WDAR 105.5 SC Darlington, r\$,
 Magic 105 1/2 633
 1957 WSYN 106.5 SC Georgetown, ads\$ 707
 1958 WHCJ 88.5 GA Savannah, ID\$ 796
 2000 WRMB 89.3 FL Boynton Beach, wx\$ 1190
 2015 WQOL 103.7 FL Vero Beach, ro\$,
 Q-103.7 1097
 2017 WIRK 107.9 FL W. Palm Beach, k\$, ID 1175
 2018 WQBA 107.5 FL Miami, SS ballads\$ 1218
 2020 WHLG 102.3 FL Jensen Bch, wx, weak 1118
 2021 WHYI 100.7 FL Ft. Lauderdale, Y100\$ 1215
 2028 WMNF 88.5 FL Tampa, ID\$ 1087
 2029 WMFE 90.7 FL Orlando, ID\$ 1034
 2031 WAPE 95.1 FL Jacksonville, ID\$ 919
 2032 WXDJ 95.7 FL Homestead, SS ads\$ 1225
 2033 WLOW 106.9 SC Bluffton, m\$, wx rpt 775
 2036 WXXL 106.7 FL Leesburg, rs\$, XL106.7
 2038 WOCL 105.9 FL DeLand, ro\$,
 Cool 105.9 993
 2040 WFFV 104.5 FL Jacksonville, r\$,
 Rock 105 920
 2043 WLRQ 99.3 FL Cocoa, m\$ 1036
 2045 WMMO 98.9 FL Orlando, rm\$, ID 1034
 2046 WKGR 98.7 FL Ft. Pierce, r\$, Gator 1138
 2047 WDIz 100.3 FL Orlando, r\$, ID 1034
 2048 WIVY 102.9 FL Jacksonville, rm\$ Y103 919
 2049 WSHF 103.5 FL Ft. Lauderdale, r\$ 1216
 2050 WRBQ 104.7 FL Tampa, ID\$ 1087
 2054 WMGF 107.7 FL Mount Dora, rm\$, The
 New Magic 107.7, ex WJYO 1015

July 1st Es cont.

2055 WCBJ 107.3 FL Jacksonville, k\$ Rooster 919
 2056 WAOA 107.1 FL Melbourne, r\$, 107A1A
 2057 WWRM 107.3 FL St. Petersburg, weather
 report, Warm 107 \$ 1065
 2059 WCIF 106.3 FL Melbourne, ads\$, ID 1061
 2102 WEAT 104.3 FL W. Palm Beach, ID\$ 1175
 2106 WCGO 98.3 GA Jesup, ro\$
 Coast 98.3 FM 818
 2115 KUEZ 99.3 TX Luftkin, rs\$ 1109
 2117 KULF 94.1 TX Brenham, local BB\$ 1149
 2125 KBAU 94.3 LA Galliano, Bayou 94\$ 1113
 2126 WPCV 97.5 FL Winter Haven, k\$
 97 Country 1064
 2132 KAFX 95.5 TX Diboll, ads\$ 1135
 2133 WBAD 94.3 MS Leland, rs\$, Bad 94 873
 2135 [KWKH] 94.5 LA Shreveport, k\$, ID
 last logged as KROK 1009
 2158 KRTS 92.1 TX Seabrook, c\$, ID 1233
 2200 KGBM 91.5 LA Grambling, ID\$ 1069
2Es
 1241 KQMN 91.5 MN Thief River Falls, news
 \$, 1st MN logged via Es herel 756
 1242 KCCM 91.1 MN Moorehead, news\$ 792
 1243 KBPR 90.7 MN Brainerd, news\$ 662
 1246 WIRR 90.9 MN Virginia, news\$ 625
 1250 KCRB 88.5 MN Bemidji, news\$ 688
 1310 KQSD 191.9 SD Lowry, c\$, CST Time
 Checks. ID given at 1330 for South Dakota
 Public Radio translators on 91.9. This was much
 too strong to be a translator I think.
5 GW
 0458 CJFT 101.1 ON Ft. Erie, m\$, FM 101
 Logging #1200 138
10 GW/hrs
 2130 WBTI 96.9 MI Lexington, r, B-96.9, IDs
 with Sarnia-Port Huron. Was testing with a
 continuous heartbeat sound until its debut
 July 13 at 1200 60
 2157 WMDH 102.5 IN New Castle, k\$, ID 325
14 Au
 0737 KLOU 103.3 MO St. Louis, ro, Clue 103 579
 0743 WILt 92.3 MO St. Louis, k
18 Es
 1958 WCKW 92.3 LA LaPlace, r\$ 1064
 2000 WMBY 91.9 AL Dixons Mills, g\$
 Family Radio 862
 2001 WQST 92.5 MS Forest,
 k\$, Mississippi Country 892
19 Es: MUF over 144 Mhz at 2030
 2006 WNFb 94.3 FL Lake City, r\$, B94
 ex: WOPD 919
 2008 WCTQ 92.1 FL Venice, k\$, ID 1129
 2008 WFLZ 93.3 FL Tampa, rs\$, Power Pig 1087
 2009 KLTY 94.1 FL Ft. Worth, r\$, ID 1130
 2011 WFLC 97.3 FL Miami, r\$,
 South Florida's Coast 1218
 2013 WSGY 100.3 GA Tifton rs\$, Y100
 (San Antonio is also Y-100)
 2016 WCTH 100.3 FL Plantation Key,
 what to do in a hurricane, \$ 1277
 2017 WYGC 100.9 FL Gainesville, k\$
 GC101 or Gator Country 959
 2018 WAVV 101.1 FL Marco, ads\$ 1200

MORE ON THE NEXT PAGE!!

JEFF FALCONER's report continues.

July 19 Es cont

2015 WKES 101.5 FL St.Petersburg,g\$	1065
2022 WHVE 102.5 FL Sarasota,b\$, Wave	1107
2013 WIMV 102.7 FL Madison, ads\$	908
2025 WFYV 104.5 FL Atlantic Bch, Rock	105 920
2026 WRBQ 104.7 FL Tampa\$, Q-105	1087
2027 WOCL105.9 FL DeLand, ads\$	993
2028 WCKT 107.1 FL Lehigh Acres, k\$	
Cat Country 107 FM	1157
2029 WJYO 107.7 FL Mount Dora, ade\$	
ID (Call is now WMGF, Jeff-gc)	1015
2030 WIRK 107.9 FL W.Palm Beach, k\$	1175
2034 WMMO 98.9 FL Orlando, r\$	1034
2037(WRTO) 98.3 FL Goulds, cds in	
Spanish, ex WAQI	1222
2038 WKTK 98.5 FL Crystal River, rm\$, wx	1009
2040 unID 97.7 ?? m\$, Easy 97.7	
2046 WPCV 97.5 FL Winter Haven, k\$	1064
2049 WOVV 95.5 FL Fort Pierce, r\$, ID	1138
2051 WXDJ 95.7 FL Homestead, SS mx	1225
2053 WRMF 97.9 FL Palm Beach, ads\$	1157
2054 WGNE 98.1 FL Titusville,k\$,The Frog	1020
2057(WOLL) 94.3 FL Riviera Beach, o\$	
Oldies 94.3, ex WMXQ	1162
2058 WCMQ 92.3 FL Hialeah, Spanish\$	1217
2059 WNGS 92.1 FL W.Palm Beach, wx\$	1175
2100 WLRN 91.3 FL Miami, SS mx\$, ID	1216
2102 WQCS 88.9 FL Ft.Pierce,Classic 89	1138
2104 WZTA 94.9 FL Miami, ads\$	1138
2106 WDNat 88.9 FL Miami, Spanish, MONO	

20 TrS

0129 CJAM 91.5 ON Windsor, rp\$ station	
is only 22 watts	
1330 WYTN 91.7 OH Youngstown, g\$	
Family Radio	

20 Es

1651 WLVE 93.9 FL Miami Beach, ads\$	1217
1701 WCMQ 92.3 FL Hialeah, Spanish\$	1217
1752 WSCF 91.9 FL Vero Beach, g\$	1097
1753 WJIS 88.1 FL Bradenton, g\$	1102
1756 WCTQ 92.1 FL Venice, k\$	1129
1759 WUSF 89.7 FL Tampa, j\$	1087
1800 WMNF 88.5 FL Tampa, rs\$, ID	1087
1801 WCIE 91.1 FL Lakeland, rs\$	1087
1802 WCVU 94.5 FL Naples, rm\$, Seaview	1184
1803 WPCV 97.5 FL Winter Haven, k\$	1064
1805 WSOR 90.9 FL Naples, wx rpt\$	1184
1806 WMCU 89.7 FL Miami, ID\$	1218
1808 WXDJ 95.7 FL Homestead, Spanish\$	1225
1809 WINK 96.9 FL Ft.myers, rm\$	
The new Wink 96.9	1158
1811 WQYK 99.5 FL St.Petersburg, k\$,ID	1065
1813 WDIZ 100.3 FL Orlando, r\$, ID	1034
1814 WGGD 102.3 FL Melbourne,Gold	1061

July 20 Es cont

1816 WXXL 106.7 FL Leesburg,rs\$	1009
1817 WQBA 107.5 FL Miami, Spanish\$	1218
1906 WTMJ 93.1 FL Miami, c\$	1218
1909 WRMF 97.9 FL Palm Beach, o\$, ID	1175
1910 WBSN 89.1 LA New Orleans, g\$,ID	1050
1913 WUSM 88.5 MS Hattiesburg, c\$, ID	941
1923 WNGS 92.1 FL W.Palm Beach,	
j\$, Lite 92 FM	1175
1959 WUQT 91.9 TN Knoxville,weak ID	
short skip	540
21 TrS	
0123 unID 104.3 k\$, Country Smile, to the west	
22 Es	
1034 KNTU 88.1 TX Denton, ID\$	1130
1040 KEOM 88.3 TX Mesquite,r\$, wx rpt	1127
1042 KRVL 94.3 TX Kerrville, k\$,	
Hot Country 94 FM	1358
1050 KSCS 96.3 TX Ft.Worth, k\$	1130
1051 KEGL 97.1 TX Ft. Worth, rs\$, ID didn't	
sound like KEGL, change? (No-gc)	1130
1103 KYXS 95.9 TX Mineral Wells, k\$,ads	1184
22 TrS	
1053 WKFK 100.5 MI Carrollton, r\$	
The New K-100.5	145
23 TrS	
1859(WZRZ) 96.5 OH Hamilton, r\$,	
Z-Rock, ex WBVE and WZRQ	330
1904 WUBU 96.5 MI Portage, rs\$, ID	237

AUGUST 1991 DX

10 TrS

0753 WTRV 94.3 MI Leland, ro\$, The new	
oldies 92.5 and Grand Traverse 94 // WAIR	
92.5. This is right call, not WLEL	205

23 Es

1817 KBNJ 91.9 TX Corpus Christi	
community calendar type program\$	1417
1823 KELT 94.5 TX Harlingen, ads\$,	
nice long skip	1513
1826 KIKK 95.7 TX Houston, k\$	1237
1828 KULM 98.3 TX Columbia, farm nx\$	1271
1835 KSRR 92.9 TX San Antonio,rm\$	
Star 93	1353
1838 KPLV 93.3 TX Port Lavaca, ads\$	1331
1842 KSBJ 89.3 TX Humble, wx rpt\$	1228
1916 KRTS 92.1 TX Seabrook,classical	921233
23 Tr	
2344(WQEZ) 94.3 IL Pekin, rm\$, ID,	
ex WBZM and Chillicothe	475
2353 WEZW 103.7 WI Wauwatosa, rm\$,	
Easy 104	326

24 Tr

0138 WLTD 97.3 WI Milwaukee,rm\$. Lite	97 324
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A few good openings this summer. Better get this in the mail as the Canadian postal workers are soon going on strike. 73, Jeff

That's about all this month. Stay tuned next month, so far I have reports from Dave Brumfield, Jerry Monroe, and a DXpedition to Atlantic City,NJ by Gus Mancuso, plus hopefully a report from you! Hopefully I will be able to fit in my own report, which will include a special DX report from New Hampshire (yes, I was there during Hurricane Bob!) I hope no one on the east coast lost their antennas from "Bob". Thanks to Dave Nieman, dBruce Hall, George Greene, and Paul Mount for donating logos in the past few months.

SOUTHERN · FM DX

OCTOBER 1991

Danny Buntin
1312 N. Skyline
Stillwater, OK 74075

DEADLINE: 14th

SOUTHERN FM DX is for reporters from: AL, AR, AZ, CA, CO, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT and DC. Happy DXing and report soon!

JULY AND AUGUST ES RATHER ACTIVE FOR SOME REPORTERS.

Last month's reporters were finding it remarkable how the Es had come in from such unusually short distances. This month, though, at least one reporter found it noteworthy how long the distance was, if single hop. August did not turn silent with 3 or 4 skip days noted. Trop wise, it was meager with what few openings staying well under 500 miles. Not much in on the August Perseids. The only DXer reporting Perseids ms sounded like the Perseids were not lacking much in cooperating. Finally, don't miss the Es reception of an 8 watter report by a FL reporter.

Doug Allen, w2crs, P.O. Box 5646, Woodland Park, CO 80866

Equipt.: Onkyo T 4087 and various Pioneer tuners(all IF modified), FM-13 at 50 feet.

7/16 Es, tr s

1250 XHMER 94.5 DF Mexico City, SS, cl
also unIDs Mexican stations at 97.7, 93.5
and 88.9.

1300 XHLG 98.3 GT Leon, ID, ads, wx,new
state

1305 XHPQt 97.5 GT Leon

1308 XHMT 88.9 DF Mexico City, SS
American rock

1310 KANW 89.1 NM Albuquerque

1312 KRST 92.3 NM Albuquerque

1315 KSFR 90.7 NM Santa Fe

unusually good tr s over Pikes Peak from
NM; 90.7 and 88.3 heard previously from
Pikes Peak; first time from house!

1320 XHRO 95.5 JA Guadalajara, local ads
7/17 ms

1104 RMEF 96.9 MI Grand Rapids, ID

7/18 Es

0820 WFGY 98.1 PA Altoona, "Froggy 98"

0822 WSTY? 98.1 ? garbled cl, k

0834 WMRN 106.9 OH Marion, ads, Crawford
County Fair promo

0836 WVNO 106.1 OH Mansfield "106 VNO"

0842 WHFx 103.3 GA Waycross, ads

0845 WGCE 104.5 GA Albany, ads

0851 WKXX 106.9 AL Birmingham,ads,
"real country"

0852 WHMA 100.5 AL Anniston, "Alabama 100"

0900 WRBI 103.9 IN Batesville, ID

0902 WRZQ 107.3 IN Greensburg, ID

0911 WIVK 107.7 TN Knoxville, promo

0914 WYBZ 107.3 OH Crooksville, wx, ads

0918 WXLK 103.1 OH Johnstown, Newark ads

0920 WNWV 107.3 OH Elyria, PSAs, Cleveland
ads

0921 WPGW 100.9 IN Portland, "J country 101"

0923 WENO 100.9 OH Bryan, ID

0924 WRKR 107.7 MI Portage, ID

0930 WQLR 106.5 MI Kalamazo "Q-Lite"

0931 WBBY 103.9 OH Westerville, ID

0933 WRLO 105.3 WI Antigo, ID

0935 WKKI 100.5 IN Kokomo, ID

0939 WBCH 100.1 MI Hastings, ID

0944 WLXR 104.9 WI La Crosse, ID

0954 unID 107.1 ? "107.1 Lite flite"

0956 WWHI 105.7 OH?Marysville, "the fresh
new sound of WWHI" Not in Atlas?

0958 WPGU 107.1 IL Urbana, ID

0959 WTLK 105.7 IN Indianapolis, wx

1001 CIEB 107.1 QU Riveire de Loup, FF

Quebec nx,wx 1871 mi. No ID, but local

wx. New province and double hop E-skip

record for me. Note single hop stations
about 900 miles. Definite double hop.

1005 WVNO 106.1 OH Mansfield, ID

1007 WHMQ 107.7 OH No. Baltimore, ID

"jumping country 108"

1013 CBEF1103.1 ON Leamington,FF, wx

1015 WTTT 103.7 OH Tiffin, ID

1016 WKFR 103.3 MI Battle Creek, ID

1018 WSNX 104.5 MI Muskegan, wx, Sunny
FM"

1020 WRKR 107.7 MI Portage, ID

1023 WQLR 106.5 MI Kalamazoo, promo

At this point I made contact into NE,IL
and MI on 144 mHz.

7/19 Es

1652 WXUS 100.5 AL Fort Rucker, "US 100"

1655 WWRM 107.3 FL St. Petersburg, ID,

"Warm FM" 1515 miles No stations heard

at intermediate distance, so this was
probably long single hop? (Unless the
signal was weakd. Then it would be
morepossibly double hop. DB)

1700 WMRSt107.7 IN Monticello, ID sounded
like WMGS?

1704 WQKT 104.5 OH Wooster, ID

1707 WLKIt100.1 IN Angola,ad

1713 WMJI 105.7 OH Cleveland, ID,"Magic
105.7"

1716 WWSN 107.7 OH Dayton, "Star 107.7"

1719 WDOK 102.1 OH Cleveland, ID

1731 WMYG 96.9 PA Braddock, "97 Rock"

1733 WTVRT 98.1 VA Richmond, b, "Nice

and easy 98"

1739 WSSL 100.5 SC Cray Court, ID

"Whistle 100"

1741 CBEF1103.1 ON Leamington, FF

1743 WNCO 101.3 OH Ashland, ID.

1745 WMXwt103.3 NY Vestal,ref.to Ellis

1749 CFNY 102.1 ON Toronto, ID 1364mi.

1755 WMUS 106.9 MI Muskegan,ads,"107

MUS"

1758 WMIL 106.1 WI Waukesha, ads,"FM106.1"

900

1759 CFMX 103.1 ON Cobourg,cl"servng

Ontario and upstate New York" heavy

breathing,would I get NY for state #40?

1802 CBF-FMT100.7 QU Montreal, FF, 1659

miles, or was this 85 watt Hinton AB??

see 1809

1803 WMMS 100.7 OH Cleveland, ID

cont.....

7/19 Es
 1809 CKIK 107.3 AB Calgary, "107 KICK FM"
 1810 WHEZ 99.3 ?? k, "99.3 WHEZ" help!
 1813 WLEN 103.9 MI Adrian, ID
 1816 CFBG 100.9 ON Bracebridge, "Muskoka FM 101"
 1821 CLKK 106.5 ON Owen Sound, wx, "K106.5"
 1825 ? 107.3 MI? "marinefest in East Tawas"
 1826 CKLP 103.3 ON Perry Sound, ID
 1829 CBCE 97.5 ON Little Current
 1829 CBCE 98.7 ON Owen Sound, CBC //97.5
 1830 WKLT 97.5 MI Kalkaska, ID
 1831 WIOF 98.1 OH Canton, ID
 1835 WFGY 98.1 PA Altoona, "Froggy 98"
 1848 WGWG 88.3 NC Boiling Springs, ID
 1917 CBON 98.1 ON Sudbury, FF
 1917 CBON-24 90.7 ON Kapuskasing, FF, //98.1
 1918 CBON-18 88.1 ON Sault Ste. Marie, FF, //98.1 & 90.7
 1920 ???? SS Mexico?
 1929 WSUE 101.3 MI Sault Marie, ads
 1932 WZNL 94.3 MI Norway, promo
 1935 CJRO 92.7 ON Sudbury, "Q92FM"
 1937 WGLQ 97.1 MI Escanaba, ID
 1946 WCMZ 98.3 MI Sault Ste. Marie, ads
 7/22 Es
 0705 WQSM 98.1 NC Fayetteville, ID
 0708 WKRR 92.3 NC Asheboro, "Rock 92"
 0715 WPAR 88.1 NC Clairemont, g, "central NC FM 88"
 0717 WWGL 94.1 NC Lexington, g
 0721 WVTI 89.1 VA Roanoke, promo
 0727 WIGT 96.9 NC Goldsboro, "Country 96.9"
 "WIGT" ex-WKIC?
 0732 WIKQ 94.9 TN Greenville, ads
 7/25 tr
 1135 KPLO 94.5 SD Reliance, k
 7/26 Es
 0940 KLOK 88.1 CA Long Beach, ID
 1023 KWAV 96.9 CA Monterrey, "K-WAVE 97"
 1024 KHIP 93.5 CA Hollister, ads
 1030 KSJO 92.3 CA San Jose, ID
 1039 KFOG 104.5 CA San Francisco, ID, "K-FOG"
 1043 KSOL 107.7 CA San Mateo, ID
 1044 KSTN 107.3 CA Stockton, SS, ads
 1046 KITS 105.3 CA San Francisco, "Live 105"
 1047 KBEE 103.3 CA Modesto, "KB double E"

7/26 Es
 1049 KXFX 101.7 CA Santa Rosa, "101.7 the fox"
 1103 KXBX 101.7 CA Lakeport, ID
 1105 KWNE 94.5 CA Ukiah, "KWINE the new mi. 94.5"
 1108 KZYX 90.7 CA Philo, PSAs & promos
 1129 KZVP 98.1 CA Reading, g
 8/1 Es
 0820 WJSP 88.1 GA Warm Springs, Peach State Public Radio
 0823 WINT 94.9 FL Talahassee, ID
 0826 WXTT 98.1 AL Fayette, ID
 0829 WSTH 106.1 AL Alexander, "South 106"
 0831 WLBF 89.1 AL Montgomery, g
 0823 WLMT 92.3 AL Montgomery, k, ID
 1318 WUFT 89.1 FL Gainesville, ID 1435
 1324 WNEF 94.3 FL Lake City, "894" 1405
 8/7 Es
 1319 WUWF 88.1 FL Pensacola, ID
 1409 WRBH 88.3 LA New Orleans, reading
 8/8 ms
 1636 WPAR 88.1 NC Clairemont, ID 1307 new freq. ms record
 8/10 ms
 1208 WKQC 98.1 MI Saganaw, ID
 8/12 ms & Es
 1834 WXTT 98.1 AL Fayette, ID ms
 1840 WRBH 88.3 LA New Orleans, ms
 1855 CBON24 90.7 ON Kapuskasing, FF
 1900 WLJK 89.1 SC Aiken, ID
 1902 WBFM 98.1 SC Greenville, ads
 8/14 ms
 0827 KNLRT 97.5 OR Bend, g
 0832 WDAY 93.7 ND Fargo, "You're listening to 93.7-Y94"
 8/15 ms
 1300 WJSP 88.1 GA Warm Springs, ID
 8/26 tr s
 0225 KYCSt 95.1 WV Rock Springs, faded up
 0242 KQKY 105.9 NE Kearney, ID, NE #34
 0245 KFXX 106.7 KS Hugoton, "106.7 KFX"
 KAZY off, KS #59
 8/30 ms
 2124 WJFM 93.7 MI Grand Rapids, ID
 8/31 tr
 0147 KSYZ 107.7 NE Grand Isle, ads
 1200 KEZG 107.3 NE Lincoln, ID, "EZ107"

I was lucky enough to be working at home most of the summer, so I probably caught most of the Es openings. The below average amount of Es was often to new areas resulting in new stations. Many of the openings had a high MUF. When that occurred, I DXed the high end of the band as you can see and even made 144 mHz Es contacts on 7 occasions by following the rising MUF and then calling CQ. One new province (QUE) and another tentative (NB). Missed elusive NY state. Quite a few 1400-1500 mile long single hop openings. St. Pete on 7/19 appears to be single hop, but not sure. Worked 39 stations on 144 mHz and 9 on 220 mHz during the Perseids, which had a spectacular peak on the morning of the 12th from 0800 to 1100 local time. There was constant meteor induced E skip during this period on FM and for over an hour on 220 mHz (and undoubtedly high band TV) with an estimated several hundred meteors a minute, reminiscent of the '67 Lyonids. Hope many of you got to DX during this fantastic period, the best Perseids peak in 28 years of monitoring it. Since I spent over 14 hours on ham radio schedules the 12th, I have little to show for it in MY FM log, but I visually noted (those signal strength LEDS) that all my open frequencies were full of stations during the peak! Tropo has been almost absent this summer despite my normal night owl monitoring when nature calls! Thanks to several of you for helping with UNIDs. Get your E-skip pest info to me by November 1. Best wishes for a good fall tropo season.

Next month in SFM your editor comments on San Antonio and why in the heck does that place get such huge amounts of Es. If you wish to add to the comments, your immediate input is very much welcomed. DB MORE DX CONT....

John F. Combs, N4SFS, POB 7581, Tallahassee, FL 32314

7/19 Es	7/19 Es
1717 WBSL 107.5 NY New York, local tx 910	1938 WMTQ 102.5 NY Buffalo, wx ID 895
1720 WMGM 103.7 NJ Atl. City, ads 825	1949 KGKG 93.7 SD Brookings, local ads 1270
1721 WXPZ 101.3 DE Milford, ads, ID 765	1952 WUSN 99.5 IL Chicago, wx 815
1723 WNSR 105.1 NY New York 910	1954 WDOK 102.1 OH Cleveland, local wx 765
1726 WNCN 104.3 NY New York, c 915	1956 CPCA 105.3 ON Kitchener, ID, ads 915
1728 WXRK 92.3 NY New York, K-Rock, NY's classic r&r radio"	1957 WWKS 106.7 PA Beaver Falls, ad 835
1735 WKRB 90.9 NY Brooklyn, NYC wx, only 8 watts!?	1958 unID 107.5 CBC Radio, which??
1739 WHYI 93.1 MA Springfield, ID 1030	2006 CHFI 98.1 ON Toronto, wx, ID 950
1852 WNTQ 93.1 NY Syracuse, ads 970	2007 CKGL 96.7 ON Kitchener, Blue Jays bb
1852 KLSI 93.3 MO Kansas City, ads 835	2032 WUNY 89.5 NY Utica, ID 10105
1854 KFKE 94.1 KS Kansas City, ads 835	2044 WGAY 99.5 DC Washington, area ad 715
1854 KZMO 94.3 MO California, wx, ads 735	2047 WRFY 102.5 PA Reading, local ads 830
1855 KLGs 95.1 MO Versailles, local remote	2048 WMGK 102.9 PA Philadelphia, ads 835
1859 KMMO 102.9 MO Marshall, ID 785	2050 WSHQ 103.5 NY Cobleskill, ads 1015
1902 KKFI 97.7 MO Kansas City, SS, ment KC	2054 WDCX 106.1 PA Philadelphia
1908 KKFI 90.1 MO Kansas City, c	2056 WSNF 107.7 NJ Bridgeton, local ads 790
1921 KOEL 92.3 IA Oelwien, area ads 950	2105 WPLM 99.1 MA Plymouth, ads, ID, psa 1085
1926 WMBI 90.1 IL Chicago, ID 815	7/22 Es
1927 KYEZ 93.7 KS Salina, ads 955	1048 KQSD 91.9 SD Lowry, SDPR 1335
1929 WIVM 91.3 IL Macomb, ID 785	7/26 Es
1933 WZTR 95.7 WI Milwaukee 895	2328 KAXE? 91.7 MN tentative--Jazz
1933 KUNT 90.9 IA Cedar Falls, ID 950	2340 KDSU 91.9 ND Fargo, ID 1335
1933 WYCA 92.3 IN Hammond, ID 785	2356 WDAY 93.7 ND Fargo, ID
	2359 KCCM 91.1 NM Moorhead, ID 1335
	7/27 Es
	0012 KRSU 91.3 MN Appleton, /91.1 1190

One of the better ES openings I've experienced popped up in the middle of a pretty dull season! The 6/19 opening was into FM for hours and even reached hi-band VHF-TN at one point. There were either multiple clouds or one HUGE cloud as evidenced by nearly simultaneous loggings of quite distantly separated stations (NY and MO at the same time, for instance). The highlight of this opening was having WKRB 90.9 IN Brooklyn, NY. If info in the FM Atlas is current, they are only 8 watts, beating my previous lo-power record set when I logged an IA 10 watter by skip in the 1970's! Interesting, though not nearly as long lived or exciting was the late evening opening of 6/26, in which the MUF did not even reach FM until almost 2330 local time. 73.

Matt Sittel, P. O. Box 21451, Raleigh, NC 27607

8/4 tr	8/23 Es
0710 WHTK 99.7 SC Port Royal, calls 259	1940 KODM 97.9 TX Odessa, "Star 98" 1388
1032 WLOW 106.9 SC Bluffton, area ment. 270	1951 KTLK 99.7 TX Tye 1237
1035 WXLV 102.5 SC Charleston, calls 218	2000 KCBT 90.9 TX Dallas, ID 1068
1041 WDXV 95.5 GA Savannah, "195" 298	6/28 Es
1051 WCHY 94.1 GA Savannah, calls 298	2140 unID 92.9 SS music
1059 WSVH 91.1 GA Savannah 298	tr
1205 WJCL 96.5 GA Savannah, "Sunny 96"	2153 WRQX 107.3 DC Washington 236
8/23 Es	8/30 tr
1908 KRIK 93.7 TX Lubbock, "Kick FM" 1326	0901 WJFK 106.7 VA Manassas 217
1913 KNIN 92.9 TX Wichita Falls, call 1135	0904 WMTJ 107.7 VA Warrenton 209
1933 KVRP 95.5 TX Haskell, calls 1217	9/2 tr
1935 KCHX 106.7 TX Midland, "Foxy 106" 1367	0900 WPKZ 98.5 VA Elkton, ID, o/WSAY 183
1939 KGEF 99.9 TX Monahans, ID, KG100 1388	

August did not produce much DX at all that I heard. I was out of town for about one third of the month, but still I would have expected more tropes for late August. I would have missed 8/23's skip had John Combs not called me. Thanks, John! There was no trace of skip on TV when I checked and found skip on FM! I'm sure the domes reduce signal strength some, too. Best of DX to all this fall & 73's.

Gus Mancuso, 5615 Inwood St., Hyattsville, MD 20785

Equip.: Pioneer SX-2000(mod.) & Radio Shack plain rabbit ears

Got following skips while doing super bandscan III from South Hill, VA

7/30 Es	7/30 Es
89.3 WRKF LA Baton Rouge	96.5 KTLG TX Corpus Christi
7/31 Es	107.5 KCLL LA Houma
92.1 WJMG MS Hattiesburg	South Hill was about as good as expected.
92.9 KJEF LA Lake Charles	Stayed in 3 different rooms on different sides
93.7 WQID MS Biloxi	to vary reception. Totals: 211 states: 11 +
94.1 KQXX TX Beaumont	DC. Longest tr: WLTW 106.7 NYC. Best freq:
94.9 KZB TX Beaumont	105.5-five. Worst: 91.7 none. Had clouds

cont....

two of three mornings; had to really work to break 200.

From Millington, MD, new "sattelite" location to regular spot in Cordova, MD. (See 9/11 UD) Millington is about 25 mi. nne of Cordova & 20 mi. west of Dover, DE:

1/3 tr

527 100.1 WRBSt DE Camden

1542 104.1 WAEB PA Allentown

(Slim pickings due to time of day; hope to go back in fall for overnight when people get best room furniture.

/25 tr

455 96.3 WROV VA Martinsville, local WHUR off. Also looked for NC & NYC, but got an image of local WPGC when WROV nulled.

/28 tr

630 95.1 WAYV NJ Atlantic City, local WRBS nulled

/30 tr

712 94.9 WPVR VA Roanoke

8/30 tr

0715 106.3 WBPB VA Churchville

Jim Pizzi, P. O. box 1778, Lovington, NM 88260 (505) 3963251

/20 Es

923 KHHH 94.8 CO Boulder, calls

927 KSKL 94.5 KS Scott City, ads, "Cool

Radio 94.5"

929 KOGA 99.7 NE Ogallala, ads

932 KHOK 100.7 KS Hoisington, KS nx

935 KEYN 103.7 DS Wichita, calls

950 KDCK 95.5 KS Dodge City, ads

141 KEBC 94.7 OK OKC, calls

142 KATP 100.5 OK OKC, ads

/4 Es

010 KODY 94.5 ND Bismarck, ads, "KQ94"

012 KBYZ 96.5 ND Bismarck, Z96 + calls

016 KGWY 100.7 WY Gillette, wx

030 KRRE 92.1 ND Dickinson, ads

/12 Es

928 KKKK 99.1 TX Odessa, g, "Quad K"

931 KKKK 94.1 CO Montrose, calls

936 KGEH 99.9 TX Monahans, KG100, ads

6/12 Es

0937 KODM 97.9 TX Odessa, ads

0938 KMGF 102.1 TX Monahans, ads

0947 KCHX 106.7 TX Midland, Foxy 106, ads

0950 KSFY 100.5 NM Roswell, FX 100, ads

1000 KIXY 94.7 TX SanAngelo, "Kicksee"

1002 KBIM 94.9 NM Roswell, ads

1005 KPER 95.7 NM Hobbs, calls

1015 KSEL 95.3 NM Portales, wx

1043 KKIK 93.7 TX Lubbock, calls

7/2 Es

1300 KXET 95.1 MT Havre, calls

7/18 Es

1143 KRIN 94.3 NM Raton, state nx

1158 KKJQ 97.3 KS Garden City, calls

1200 KSKL 94.5 KS Scott, calls

A few good openings, but nothing fantastic

Not much time to DX, so I guess I'm lucky

to catch what I did. 73's

Christopher S. Dunne, 21541 Nw 8 Ct., Box 81, Pembroke Pines, FL 33029

This could well be the last Es report of '91 - lotsa stations here, but nothing exotic.

'91 wasn't all that bad, considering I work afternoons & evenings, when some Es showed up.

Equipment: JVC RX302BK mod. w/ 150kHz filters

Archer 6-element FM antenna

♫ = Stereo

Time Call Freq. st Location, details Miles

6/12 Es

1821 WRVC 93.7 KY Ashland, ID 810

1825 WKUJ 93.3 OH Chillicothe, ID 875

1830 KTUF 93.7 MO Kirksville, ment. 1125

nearby cities in ad

1833 unid 88.7 Family Radio

1835 WWSG 92.9 PA? Wilkes-Barre?

"Not too hard, not too soft;

the best music mix is on

Magic 93" if so - 1040

1840 unid 92.7 "Lexington Park"

1848 WTSX 96.7 NY Fort Jervis, 1070

ment. city

1851 WPOS 88.7 VA Chesapeake, ID

+ "tests"; must be brand new 740

1900 WSGT 88.3 NJ Newark, "Newark

Airport Limo" if so - 1040

1900 unid 88.7 polka!

8/19 Es

1035 KARB 92.1 AR Ashdown, ID, k 920

1037 KONG 92.5 OK Oklahoma City,

"Mix 92.5", ment. Norman &

admond 1140

1050 KITT 93.7 LA Shreveport, ID 870

1053 KFXI 92.1 OK Marlow, "Foxy 92" 1150

1100 KWTU 88.1 TX Denton, ID, j 1060

1101 KGOH 88.3 TX Mesquite, ID 1025

.....Isn't that a bit close to Denton?....

1104 KDGE 94.5 TX Gainesville, "The

Edge" 1075

1109 KKIA 103.9 AR Fayetteville,

"Kix 104" 1000

+ KALI 94.3 OK Lawton, "Q-94",

Lawton ad 1170

+ KXOC 89.5 TX Wichita Falls, ID 1150

1148 KWIN 92.9 TX Wichita Falls, ID 1150

8/24 Tr

0900.....WJIS 88.1 OFF.....

0900 WNCM 88.1 FL Jacksonville,

"Jacksonville" on hour 300

8/26 Tr

0153 WFIO 89.3 FL Titusville, ID,

WFOB off 175

2005.....WJIS 88.1 OFF AGAIN.....

2005 WNCM 88.1 again

.....why can't I get WHIJ Ocala?.....

Doug Smith, 14 Brookside Ct., Nashville, TN 37209-4503

5/29 trs

1020 WJAB 90.9 AL Huntsville, c, ID 95
WDJC 93.7 AL Birmingham, g 177
WAPI 94.5 AL Birmingham, r, "I94" 177
 1035 WKHX 101.5 GA Marietta, k, "Kicks", wx
 1046 WBHL 91.3 AL Florence, wx, ID 115
 1100 WUAL 91.5 AL Tuscaloosa, c, ID 200
 1107 WZBQ 102.5 AL Jasper, r, EBS test 180
 (Note #2)

1111 WYAI 104.1 GA La Grange, k "Y106 and
 Y104", //106.7 also in 228

Es

1845 unID 87.75 TX TV-6 (Note #3)

unID 89.5 TX

tr WQSB 105.1 AL Albertville, k 1062324 WUTC 88.1 TN Chattanooga, c, weak, ID

5/30 trs

0001 WLRH 89.3 AL Huntsville, j, calls 95

6/23 trs

0715 WDYNT 89.7 TN Chattanooga, g

0720 WLLX 97.5 TN Minor Hill, fair with
 "WLX News". ex 92.1

0730 WSLM 98.1 IN Salem, ID0736 WYNG 105.3 IN Evansville, ID

0740 WZYP 104.3 AL Athens, x, lnt. w/chr,
 adjacent to ultra-local local WGFY

0745 WUCZ 102.3 TN Carthage, weak but
 steady w/local ads & wx for Carthage, Z102.3

7/3 tr

0142 WVWL 101.5 TN McKinnon, k, "Twin Lakes
 Country WVWL-FM", ID

1136 unID 101.9 "Power 102" w/chr o/ WKYA

2245 WDEF 92.3 TN Chattanooga, poor

Finally, some E-skip! Unfortunately, I had to go to work with the MUF at 105... We got
 plenty of reception complaints that day! Darn DJ on WBGF gave the station's calls as WRMF
 (97.9 Palm Beach) once, leaving me thinking I had a translator.

Some notes about other loggings in August SFM:

Matt Sittel's 7/1 logging of WJJO 94.1 is Watertown, Wis., ex WITX. Transmitter is at
 Deerfield, Wis., about 2 miles south of where I-94 and Wis. 63 intersect.

Keith Pugh's 6/3 logging of an unID Spanish station on 103.9 is probably WZMQ Key Largo; ads
 in Broadcasting magazine indicate that this station is co-owned with (and possibly simul-
 casts) WQM-Q-FM 92.1 in Miami.

Note #2: EBS test included message from Gov. Hunt declaring "EBS Week" in Alabama. At
 end of test, a "WMJJ" slogan snuck through. I assume WMJJ is the WZBQ monitors for EBS
 alerts. It is possible that WQBQ relays WMJJ Birmingham, but I hear their simulcasting AM
 frequently here, and have never heard a WMJJ slogan before.

Note #3: Shortly before leaving work for 10 mins. to pick up some dinner, a viewer in
 Murfreesboro called complaining of interference, and said he was seeing a Texas station on
 channel 3. While sitting in the Wendy's drive-through, something clobbered local WMOT 89.5;
 on tuning to 87.75, heard a few seconds of "Mama's Family", followed by a Coke w/ TX ment.,
 and one for Burger King. The MUF then dropped below 87.75. This particular opening lasted
 less than 90 seconds, although there may have been more before and after.

Note #4: Second translator ever logged. Often can't hear the primary due to overload!
 All distances above are educated guesses. Where there's a TV station in the same city, I
 assume the FMs to be co-located (usually a safe guess); where there's no TV, I estimate the
 latitude & longitude from an atlas. In either case, a BASIC program handles the
 calculation I suppose the official FCC tapes (very expensive!) are the only available
 reference with FM station coordinates. What do other DXers use??

#####

7/3 tr

2259 WSMS 91.7 TN Memphis, fair w/sign-off

7/4 tr

0006 WBGR 102.7 TN Memphis, "Rock 103, ads

7/30 Es

1330 WLRN 91.3 FL "91-LRN News", jazzWCMQ 92.3 FL Hialeah, SSWIMI 93.1 FL Miami, classicalWHYI 100.7 FL Ft. Lauderdale, Y-100, adsWZTA 94.9 FL Miami Beach, AOR, Miami adsWRMB 89.3 FL Boynton Beach, g & call IDWCNO 89.9 FL Stuart, g, ment. LoxahatcheeWZZR 92.7 FL Stuart, call ID1400 WEDR

99.1 FL Miami, urban

WDIZ 100.3 FL Orlando, AORWBGF 93.5 FL Belle Glade, local strength

w/OLD, Okeechobee area ads, "B93.5"

WKRY 93.5 FL Key West, AOR, Key West adsWGYL 93.5 FL Vero Beach, ezl, local ads,

and calls o/u WBGF and WKRY

WLVE 93.9 FL Miami Beach, light jazzWFLC 97.3 FL Miami, adconWRTO 98.3 FL Goulds, loud in SSWNFR 91.7 FL Okeechobee, rel talkWKGR 89.7 FL Ft. Pierce, "Classic 98.7"

Classic rock, Annrc. said someone from

Nashville had called in & played them a

tape of the Es reception, which the

station was then going to play on air...

WKIS 99.9 FL Boca Raton, "Kiss FM", adsWLYF 101.5 FL Miami, ezl & ID

unID 105.3 adcon

WMXJ 102.7 FL Pompano Beach, oldies

unID 105.3 We got

WESTERN TV-DX

October 1991

Fred McCormack
Box 17860
St. Paul MN 55117-7860

Deadline: 11-07-91
Cut-off: 08-01-91

New _____ New Mode _ Tent. - t Unidentified - unid S/On - + S/off - =
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &
Parallel Programming - // MTS Stereo - \$

CH Chihuahua	NL Nuevo Leon	TA Tamaulipas	ZA Zacatecas
CU Coahuila	SI Sinaloa	VE Veracruz	
CHA Channel America	TAB 3 Angels Broadcasting		
CMT Country Music Television	TBN Trinity Broadcasting		
HSS Home Shopping Spree	WCH The Weather Channel		

Jeff Kruszka, 2824-E Steamship Circle, Harahan LA 70123

CDT

Equipment:

Sylvania 12" black and white, quad loop cut for channels 2 and 5, Radio Shack U-75 corner yagi. Sony Watchman. Mitsubishi HS-U31 VCR.

<u>July 1991</u>		18 Es 1711	unids 2,3,5 (Spanish)	18 Es 2030	KOAAt 5 CO
1 Es 2035	unids 2,3			19 Es 1239	XHBQ 3 ZA 955
7 Es 1030	KDLH 3 MN 1167	1809	KIII 3 TX 474		1625 unids 3,5
8 Tr 2254	WMPN 29 MS 157		(See Note # 1)	29 gw 1850	WGMB 44 LA 65
	KNOE 8 LA 191	1835	KACB 3 TX 617		(See Note # 2)
14 Es 2029	unids 2,3,5 (Busy on FM)	1855	XEPN 3 CU 626	31 Es 1853	unids 2,3,5
15 Es 2011	unids 2,3	1929	KSNW 3 KS 683	1902	unids 2,5
16 Es 2006	unids 2,3	1930	KSWK 3 KS 827		(Spanish)
		2000	KENW 3 NM 826		

Note 1 - Very short hop! Possibly backscatter, since Mexico was also in?

Note 2 - New station, first time seen. Testing with color bars. Good signal.

Another miserable month. We really haven't had one of those super-duper E-skip days where it lasts all day long yet (at least not down here). Oh well, every season can't be great.

Randy Miltier, 1068 Fairview Avenue, San Jose CA 95125 (KK6TQ)

PDT

Equipment:

1989 Zenith 27", Zenith VCR, Channel Master Quantum 1160A VHF/UHF antenna @ 50 ft, Alliance rotor.

A...hello....is this TV-DX season? Doesn't sporadic E usually occur between June and August? Is my calendar off or what! Maybe the oil wells burning in Kuwait did something, or maybe it was the Pinatuba volcano eruption! Whatever the cause, this season has been disastrous. What openings there were have been short and pin-pointed to one area. Hams on six meters are saying somewhat the same thing. It'll be interesting to hear from those back East on their conditions. My best catch in July was a nice photo of KEYT-3 in Santa Barbara on a good tropo opening. Only other highlight was a verie letter from KCNC-4.

It'll be interesting to see if the trend continues next year. I guess all things have their ups and downs and TV-DX is no different.

<u>July 1991</u>		2 Es 0820	unid ch6 Spanish	19 tr 1131	KSBY 6 CA 152
1 Es 1019	KSNW 3 KS 1335	16 Es 1027	XEPM 2 CH 960	Es 1734	unid channel 3
1020	KSWK 3 KS 1120	1031	XHQ 3 SI 1225	25 Es 1035	KMID 2 TX 1170
1027	unid ch6 Spanish	1034	unid channel 6	1105	XEPM 2 CH 960
1028	unid ch 6 NBC		(See Note # 1)	29 Es 2124	unids chs 2-4
1317	KUAT 6 AZ 719	17 Es 1010	KTWO 2 WY 905	30 Es 0841	KENWT 3 NM
1318	XEPM 2 CH 960	1049	KLNet 3 NE	1008	KXMA 2 ND 1169
1320	KDBC 4 TX 957	18 Es 1130	KTWO 2 WY 905	1140	CKCK 2 SK 1251
2000	KMID 2 TX 1170		unid channel 3	31 Es 1905	KTWOT 2 WY
	KENW 3 NM 1060	1330	unids chs 2 & 3	2000	KWGNT 2 CO
2010	KDBC 4 TX 957		(See Note # 2)		
2 Es 0820	CKCK 2 SK 1251	19 tr 1130	KEYT 3 CA 221		

Randy Miltier (continued) 7 Es 0930 KFDX 3 TX 1330 12 Es 2007 unids chs 2-4
 9 Es 1335 unid channel 2 2015 (AZ & BC on 6m)
 1345 (Montana on 6m) 2029 XEPMT 2 CH
 unid channel 3 13 Es 1150 unids chs 2 & 3
 August 1991 7 Es 0928 KACV 2 TX 1125 11 Es 2200 unid channel 2 1152 (WA & BC on 6m)
 0929 KENW 3 NM 1060 2229 unid channel 3 27 Es 1240 unids chs 2 & 3

Note # 1 - This Spanish station has been in a few times, but I have not seen an ID or know of its location. It is usually in when XEPM, XHQ, KVIQ and/or KDRC are in. Anyone?

Note # 2 - 11/18/91 @ 1330 - WOIJR 6 meter beacon in (Colorado).

73 to all and check out that amateur radio ticket....Randy, KK6TQ

John Jefferson, 4104 Spyglass Ct., Antioch CA 94509 (415-778-8727)

PDT

Equipment: See August 1991 Western TV-DX

Not much of a season after May's grand opener. At this point, the season looks like it's dying fast, and little has happened since mid-June. As always, new would have been underlined; * means new to Antioch. All activity logged with the usual - the Hitachi and the Channel Master antennas.

June 1991	29 Es 0930 KJRH 2 OK 1425	26 Es 0830 KMID 2 TX 1175
2 Es 2134 KACV 2 TX 1110	1000 KFOR 4 OK 1355	0947 KLBY 4 KS 1125
16 Es 1931 KNOP 2 NE 1110	1131 KMID 2 TX 1175	28 Es 0859 KSNC 2 KS 1255
2133 KACV 2 TX 1110		
18 Es 2102 KNOP 2 NE 1110	July 1991	August 1991
19 Es 2216 CKCK* 2 SK 1220	1 Es 1959 KMID 2 TX 1175	2 Es 1959 XHBS? 4 SI XEW
2259 CKSA* 2 AT 1205	2001 XHIT* 4 CH 1100	2029 XEPM? 2 CH XEW
20 Es 0800 KACV 2 TX 1110	2 Es 0730 KNOP 2 NE 1110	7 Es 0830 XEPM? 2 CH XEW
0815 KKTO? 2 NM	1859 KACV 2 TX 1110	0900 KMID 2 TX 1175
(Home shopping)	18 Es 0829 KACV 2 TX 1110	("Big 2")

If the above seems repetitive at times, please don't blame me! What I get is what I report. At least Saskatchewan and Alberta were a refreshing change of pace 6/19.

(John also logged a mystery channel 2 with an XHIT-4 ID on May 28th at 2300. Can anyone help? fm)

John Sullivan, 4657 Rose St, Schiller Park IL 60176-1633 (708-678-1523)

CDT

Equipment:

Toshiba 19", Sears VHF-UHF antenna at 20' (manufacturer unknown), Channel Master mast mounted preamplifier, Allience U-110 rotor.

July 1991	7 tr 0454 WSYM 47 MI 165	8 Es 1303 KBTX 3 TX 800
1 Es 1430 WESH 2 FL 940	0455 WLAJ 53 MI 165	1318 KMOL 4 TX 920
1512 WSAV 3 GA 750	8 Es 1200 KDFW 4 TX 700	

John Ebeling, 6843 County Road 47, Alborn MN 55702 (218-345-6718)

CDT

Equipment: See September 1991 Western TV-DX

From Alborn: 08/05 Es 0123 =CKSA 2 AB 885
 (Also 2 other channel 2s)
 0130 unids chs 2-5 sporadic
 (CBC on channel 5)
 08/11 Es 2312 WSB 2 GA 1010
 unids chs 2-4
 2400 KKTO 2 NM 1055

From Minneapolis: 08/07 Es 2100 KENW 3 NM 935
 (On old black and white Zenith in basement using monopole)

Mike Cherry, Box 631, Ganges BC V0S-1E0 (604-537-5201)

PDT

Equipment:

Kenwood RZ-1 receiver, channel 6 crystal trap. Hitachi 5" black & white monitor, Sony Beta Hi-Fi MTS VCR. Antennas: VHF - Lindsay CC-30 22 element log-periodic with Dalco EID-3SV 28 dB mast-mount preamplifier @ 38 feet with "ARM-strong" rotor. UHF - Radio Shack 4 bay with 15-1108 adjustable mast-mount preamplifier @ 57 feet asl/agl. Archer 15-578 variable signal attenuator.

July 1991				19 Es 2000 \$KTVS 3 CO 1150				30 Es 2200 KTVS 3 CO 1150			
13 au 1900	CFJC	4 BC	186	2128	\$CKCK	2 SK	855				
1927	CITM	3 BC	204	2200	CBKT	4 SK	807	August 1991			
15 Es 2100	KTVS	3 CO	1150		CFSS	3 SK	936	1 ms 2114	CFQC1	3 SK	689
2131	KTVX	4 UT	794	22 tr 1502	K54AO	54 WA	96	3 ms 0609	KRTV	3 MT	569
17 Es 0030	\$KMTV	3 NE	1428		(Bremerton	KIRO- 7)		11 Es 1034	\$KPRY	4 SD	1157
0043	KUSD	2 SD	1291	23 tr 0852	KCKA	15 WA	184		1059	KLNE	3 NE 1311
18 Es 1830	\$KTWO	2 WY	926		(Snow free)				1102	\$KDLO	3 SD 1245
1831	KTVS	3 CO	1150		0857	K53AZ	53 WA 184	12 Es 1830	KUTV	2 UT	795
1846	KXLF	4 MT	553		(Centralia	KIRO- 7)			KTVX	4 UT	795
1857	\$KIDK	3 ID	637		2055	K36BO	36 WA 78		1900	KBME	3 ND 1062
1859	KWGN	2 CO	1096		(Deming	KOMO- 4)			1923	CFSS	3 SK 936
1900	\$KCNC	4 CO	1096	25 tr 0710	KNDO	23 WA	213		1927	CKKX	2 AB 438
1912	KYTV	3 MO	1725		(CHAN8-23 off)				1930	\$CFCN	4 AB 438
1917	CFSG	4 SK	782		0714	KAPP	35 WA 213		1946	\$CFRN	3 AB 544
1923	CFCN	4 AB	438	26 Es 1900	CBCEP3	3 SK	733		1957	CBWFT	3 MB 1167
1927	KREG	3 CO	1028		CKCK	2 SK	855	13 Es 1700	KSWK	3 KS	1350
1929	KMOX	4 MO	1786		1927	CBKT	4 SK 807		1716	\$KSNW	3 KS 1502
1931	KCWC	4 WY	833		1930	CBKFT2	3 SK 819		1800	KLBY	4 KS 1277
1934	KDUH	4 NE	1080	28 Es 1200	KTVS	3 CO	1150		2000	KGFE	2 ND 1163
1939	KCRA	3 CA	739		1210	KWGN	2 CO 1096		2030	KBME	3 ND 1062
19 Es 1800	KSWK	3 KS	1350	29 Es 1845	KSWK	3 KS	1350		2036	\$KXMA	2 ND 964
	KLBY	4 KS	1277		1900	KMTV	3 NE 1428	14 Es 2000	\$KNOP	2 NE	1224
1832	KYUS	3 MT	836		2000	KLNE	3 NE 1311		KLNE	3 NE	1311
1849	\$KIMT	3 IA	1596			\$KNOP	2 NE 1224		2100	KNAZ	2 AZ 1137
1859	CBWFT	3 MB	1167		2030	KVBC	3 NV 986				
1900	KXJB	4 ND	1207		2100	\$KEYT	3 CA 1006				

The later the E season - the better the conditions. May held some treats, June was a bore, in July things definitely improved and August is an average month, which is the way it should be. Coincidentally, geomagnetic disturbances have calmed down and as Fred Nordquist has speculated - there is more turbulent weather activity throughout North America. However, the massive high pressure system that sometimes sits out in the Pacific doesn't look like it will materialize along with any long-haul tropo ducting.

On one of our rare thunderstorms here last month (July 27th), the FETs in my UHF-TV preamplifier must have picked up a charge by induction and are toast. I will need a new unit and may build one with around 20 dB gain. If that project doesn't come about by "winter tower prep" time, I'll purchase one - perhaps a Channel Master. I hope DX has improved for all. E skip MUFs have been low (about 70-75 MHz) and FM has been a flop as a result. CBUT-2 locally is once again signing off between 0230-0700 PDT allowing some DXing on channel 2 again. 73s.....Mike VE7SKA

Robert Kramer, Box 8244, Chicago IL 60680 (KB9GXC) (312-262-6299)

COT

Equipment: See August 1991 Western TV-DX

July 1991				11 tr 0233 W45AJ 45 IL				19 Es 1830 WEDU 3 FL 1002			
				(Rockford		CHA)		1900	WLBT	3 MS	668
6 Es 2120	CFQC2	3 SK	1215	0400	WXON	20 MI	240	2030	KRTV	3 MT	1225
2130	CFSS	3 SK	900		WTVS	56 MI	240		KBME	3 ND	729
tr 2259	WKBT	8 WI	230	0425	WJRT	12 MI	224		KSWK	4 ND	891
7 tr 0005	KYIN	24 IA	307	0502	WGTU	29 MI	225		CBCEP3	3 SK	1103
0014	KIMT	3 IA	307	0603	WCMV	27 MI	205	2140	KSRE	6 ND	799
0111	KTTC	10 MN	292	0654	WHWC	28 WI	299	2231	CKGK2	6 SK	1019
2145	KIIN	12 IA	203	11 tr 0700	KYIN	24 IA	307	20 Es 1923	KOTA	3 SD	803
2258	WBSX	31 MI	205		WTJR	16 IL		21 tr 1230	WHWO	24 OH	220
2300	WEYI	25 MI	222	18 Es 1707	WWAY	3 NC	743		WUPW	36 OH	220
10 gw 2215	W24AI	24 IN		1718	WBTW	3 NC	586	2140	WGFI	33 MI	205
(Michigan City	TBN)			19 Es 1758	KIII	3 TX	1116	26 Es 2218	WLBT	3 MS	668

<u>Robert Kramer (continued)</u>				12 tr 0248	<u>WADL</u>	38 MI	15 tr 0359	<u>WOIO</u>	19 OH	<u>320</u>	
				0436	<u>WRGT</u>	45 OH	<u>237</u>	18 tr 0835	<u>WFUM</u>	28 MI	<u>224</u>
26 Es 2300 KBTX 3 TX 912				0445	<u>WPTO</u>	14 OH	238	0845	<u>WKPC</u>	15 KY	<u>277</u>
				0506	<u>WCET</u>	48 OH	250		Detroit Us		
<u>August 1991</u>				0512	<u>WMCC</u>	25 IN			wiping out locals		
4 tr 0305 <u>WCLJ</u> 42 IN				0529	<u>WBGU</u>	27 OH	<u>200</u>	0953	<u>WTVS</u>	56 MI	<u>240</u>
12 tr 0107 <u>W69BT</u> 69 IN				14 tr 2100	<u>WGKI</u>	33 MI	205		(Over WYIN-56)		
(South Bend WCIU-26)				2131	<u>WGTU</u>	29 MI	225				

A couple of notes. The channel 22 Video Jukebox Network station from Waukegon is W22AJ, not W22AJ as reported in the VUD. I receive them here 24 hours a day (weakly).

W65BT, Milwaukee, is apparently no longer a translator of WCIU-26 (even though they are still included on the WCIU ID slide). When I've gotten them, they have been running old movies and job information. They call themselves INFO TV 65.

WGKI-33 has been noted carrying the newscast of WWTW-9/WWUP-10. So if you see a newscast using a 9 and 10 mention here, it's WGKI.

(Believing that a station should know what its call letters are, I am changing my references for channel 22 Waukegon from W22AJ to W22AG. Both Television Factbook and the FCC microfiche (09/01/90) show the call to be W22AJ. fm)

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216 (414-388-2350)

CDT

Equipment:

7' Finco dish, B-T CMA-Ub preamp @ 93', .750 cable. Stacked Finco high band yagis @ 100' with RG/11 cable. Second tower, 40', with Winegard CH-2026 (lo-band) yagi. Zenith 14N22 table model 23" b&w (1971) with B-T BTU-2s UHF converter (used for UHF and also the stacked hi-band yagis) and Zenith 16U20 19" b&w (early 60's) (used with antennas on 40' tower). Panasonic 9" b&w portable.

July 1991	12 tr 2047	W69BT 69 IN	200	24 tr 0600	WNEO 45 OH	405
30 tr 1900		(South Bend WCIU-26)			WEAO 49 OH	380
		(Reduced power)			0630 & CBLFT10	48 ON280
	Es 2232	unids chs 2-4 W			(See Note # 6)	
	13 tr 0040	CICOM# 42 ON	210		W57AR 57 WI	145
		(Desbaratts)			(Sayner WSAW- 7)	
August 1991	14 tr 2115	W69BJ 69 MI	195		(Snow free off	
1 tr 1958		(Lansing WAQP-49)			back of dish)	
(Muskegon CHA)		W54AF 54 OH	340	0646	WOAC 67 OH	395
(See Note # 1)		(Bucyrus LPTV)			(Home Shp Spree)	
2 tr 2005		WPNE 38 WI	25		WSFJ 51 OH	395
5 tr 0521		(Back to normal)			WGGNT 52 OH	
@WINM 63(OH) 268	15 gw 2013	WGKI 33 MI	110	0723	WBNX 55 OH	380
(See Note # 2)		(See Note # 3)			(Snow free)	
Chicago area Vs	2159	W69BJ 69 MI	195		WQEXT 16 PA	
& Us extremely		(See Note # 4)		1949	WRGT 45 OH	368
strong	16 tr 0702	WINM 63(OH) 268			WNEO 45 OH	405
2051		("716-875-4949")			WQLN 54 PA	405
W30AL 30 IL		WLLA 64 MI	185	25 tr 0532	W41AP 41 OH	32
(Plano CHA)		("303-296-1333")			(Sandusky LPTV)	
7 Es 1725		Cincy 19,48,64	400		(See Note # 7)	
KKTO 2 NM	17 tr AM	W30AL 30 IL	200		CITY 57 OH	410
(ID seen - 2120)		(See Note # 5)		0553	WKBN 27 OH	420
KENWT 3 NM	23 tr 2000	Iron Mtn Us	100		WSFJ 51 OH	395
KACVt 2 TX		2110	WUSI 16 IL		WJET 24 PA	405
KMIDt 2 TX	24 tr 0530	WKBN 27 OH	420		W26AB 26 MI	265
2200 gone		WYTV 33 OH	420		(Detroit CHA)	
9 tr 0527		W66BD 66 IN	260		W68BP 68 OH	365
W40AN 40 MI		(Fort Wayne WINM-63)			(Dayton TBN)	
(Escanaba WLUK-11)	0547	WPCB 40 PA	480		W59CA 59 MI	200
(Snow free)		CBLN2 34 OH	268	0622	CIC051 51 ON	374
CBCE 16 ON		WAKC 23 OH	380		(Snow free-0700)	
270		WFMJ 21 OH	420		W69BJ 69 MI	195
W40AN 40 MI	0550	W59CA 59 MI	200	0629	CBLN2 34 ON	268
95		(Jackson WAQP-49)			(Also 40, 45 in)	
0610		CBLFT17 68 ON	268	0640	@CHOT 40 ON	588
W27AR 27 IN		W69BJ 69 MI	195		(Snow free-0715)	
(Indianapolis WTHR-13)						
WKON 52 KY						
437						
WCET 48 OH						
400						
Es 2130						
WSB t 2 GA						
WESht 2 FL						
WCBdt 2 SC						
12 tr 2047						
WCCU 27 IL						
(Cardinals bb)						

William Draeb (continued) 25 tr 0655 CBCE 16 ON 270 25 tr 2217 CBLN 40 ON 340
 0707 WCET 48 OH 400 CBLFT9 53 ON 340
 25 tr 0655 W40AN 40 MI 95 unid channel 48 26 tr 0450 WAKC 23 OH 380
 (Morse code ID) (See Note # 8) (ID w/radar wx)

Note # 1 - Live programming. "TV BINGO" at 2000.

Note # 2 - 3/4 color bars with calls WINM-63 and W66BD.

Note # 3 - Carrying "TV 9 + 10 News" (WWTV-9 / WWUP-TV-10) on a delayed basis.

Note # 4 - Local phone number 517-754-0025. At 2200 IDs - WAQP-49, W69BJ, W59CA.

Note # 5 - "FOX VALLEY'S WFXV" in large letters. Below that in very small call letters - "W30AL PLANO IL".

Note # 6 - CBEFT-54 test pattern with call letters.

Note # 7 - Stock market news, local news, weather, etc.

Note # 8 - Same direction as Ottawa - religious programming.

Jeff Kadet, Box 20, Macomb IL 61455 (W3CRH) (309-833-1809)

CDT

Equipment:

ICOM R7000 with video adapter, JVC and Panasonic monitors. Various Zenith TV's. Screened Channel Master 7' dish with PA-4975 preamplifier, .500 aluminum hardline up 85'. Channel Master 1110 with PA-1975 preamplifier, .500 aluminum hardline up 80'. Winegard 5 element lo-band yagi (vertically polarized) with RG-11 up 18'.

June 1991

8 Es 0830 WPBT 2 FL 1165
 WESH 2 FL 955
 1020 KDBC 4 TX 1065
 1050 KNAZ 2 AZ 1195
 unid ch 2 Mexico
 1130 WWL 4 LA 730
 1404 WGBH 2 MA 1010
 13 Es 1250 unid ch 6 Mexico
 1300 KACB 3 TX 815
 1359 KPRC 2 TX 800
 KGBT 4 TX 1070
 KJAC 4 TX 735
 1412 KIII 3 TX 970
 XEFB 2 NL 1160
 1456 @XEFE 2 TA 1025
 1830 unid channel 2
 (XEX-6 ID!)
 1900 WESH 2 FL 955
 2023 XHGV 4 VE 1525
 2027 XHAJ 5 VE 1525
 (Double hop?)
 15 Es 1400 KVOA 4 AZ 1240
 KKTO 2 NM 920
 unid ch 2 Mexico
 25 Es 1000 XEFB 2 NL 1160
 KIII 3 TX 970
 26 Es 1145 KKTO 2 NM 920
 1200 WEAR 3 FL 700

22 Es 0600 WESH 2 FL 955
 0630 WUND 2 NC 835
 0830 WTVY 4 AL 715
 1000 KPRC 2 TX 800
 1100 KENW 3 NM 860

August 1991

4 tr W28BE 28 IL 73
 (Springfield religion)
 0520 W17AZ 17 IL 225
 (Johnston City TAB)
 7 tr 0415 unid channel 14
 (See Note # 1)
 Es 1330 unid ch 2 XEW
 unid ch 5 XEW
 1530 XEFB 2 NL 1160
 16 tr 0110 W33AX 33 WI 190
 (Madison TBN)
 0114 K64DG 64 IA 94
 (Iowa City TBN)
 0125 K38AB 37 IA 40
 (See Note # 2)
 0201 K34BR 34 MO 125
 (St. Charles TBN)
 0215 W57BJ 57 WI 306
 (Green Bay TAB)
 23 tr 0234 W66BD 66 IN 291
 (Ft. Wayne WINM-63)
 0304 K54AF 53 IA 70
 (See Note # 3)
 0328 W15AM 15 MI 308
 (Grand Rapids WHME-46)
 0354 CIII22 22 ON 438
 CICO32 32 ON 410
 0412 W48AP 48 OH 390
 (Toledo LPTV)
 24 tr 0052 K14AD 14 MN 395
 (Willmar KSAX-42)
 0129 W67AC 67 WI 175
 (Darlington WHA-21)
 0150 W48AP 48 OH 390
 0248 W48-- 48 OH/WI??
 (Unknown // W54AF)

24 tr 0301 CIII22 22 ON 438
 CIII41 41 ON 617
 0320 WPGH 53 PA 555
 WOIO 19 OH 471
 (Very strong)
 0357 K38CL 38 MN 250
 (Winona KITN-29)
 0415 W64AK 64 OH 450
 (Conneaut WVIZ-25)
 CICO32 32 ON 410
 K27CW 27 MN 233
 (Rochester KITN-29)
 0512 W59CA 59 MI 349
 (Jackson WAQP-49)
 (TBN xlr # 50)
 0517 KCCO 7 MN 426
 0545 @K54AT 54 MN 455
 (Brainerd KVR-15)
 0547 W27AU 27 WI 313
 (Wausau WJFW-12)
 0604 K40BR 40 MN 395
 (Willmar KITN-29)
 0610 K66DN 66 MN 395
 (Willmar CBC North)
 0650 W63DY 63 MN 420
 (Little Falls KMSP-9)
 0712 K74CZ 74 MN 250
 (Winona KTTC-10)
 26 tr 0355 K21DG 21 MN 320
 (St. James CMT)
 0414 unid channel 50
 (See Note # 4)
 unid channel 62-
 unid channel 66-
 (Not KMSP-9)
 0447 K20AC 20 MN 480
 (Wadena KSAX-42)
 (See Note # 5)
 29 tr 0345 K26-- 26 MO?
 (HSS- Kansas City hdg)

September 1991

2 tr 0430 CIII22 22 ON 438

Jeff Kadet (continued)

- Note # 1 - Headline News to southwest. This may be from someone in town with a "Rabbit".
- Note # 2 - KARE-11 audio here from K38AB KIIN-12 translator.
- Note # 3 - KPLR-11 audio here from K54AF KIIN-12 translator.
- Note # 4 - CBS Nightwatch - not WCCO-4; just west of Minneapolis; exact frequency: 691.756 MHz.
- Note # 5 - Also most of the normal Minnesota translators which come in on tropo.

Yeah, we had a tornado come through Macomb last March. Neighbors two blocks from here lost their 70' tower with a Channel Master 1110, 7' dish and FM antenna on it. Frank's satellite dish was blown off its mount. The worst here was the mast holding the dish bent at about a 45° angle, the center element on my ham tribander broke and wanted to spin around like a windmill, and a two foot high stack of shingles blew off the roof.

The tower didn't budge. When my old 70' tower fell last year due to high winds the new tower's guying was dubbed "Operation Overkill" and it worked. Anyway, a new "Operation Overkill" was just completed on August 22nd, but this time with the mast. The new mast consists of two inner pipes each of which is Schedule 80 galvanized steel with a 1/4" wall, plus an outer shell of 1/16" galvanized steel conduit with all three welded together. I also put up a brand new Channel Master 7' screened dish.

The past E skip season was pretty lame although it started to pick up towards the end. Tropo has been extremely lame so far. In any previous year there has been some super tropo during the August 20th to September 10th period. As of today (09/03), it's been dismally dead except for enhancement out to 350 miles and a few minor openings.

If anybody has a chance to compare the new RDX Labs UA-900 preamplifier (the round shaped one, not the square shaped one) to the PA-4975 I'd be interested in hearing about how sensitivity and overload handling compare. 73.

Doug Allen, P.O. Box 5646, Woodland Park CO 80866 (W2CRS) (719-687-3549)

MDT

Equipment:

1981 13" Magnavox black and white, Pioneer TVX9500 (IF modified), VHF:
Channel Master 1110 with Channel Master 00095 preamplifier at 35'. UHF:
Antennacraft P-7 with APU 378 preamplifier at 38', AR 45 rotor.

August 1991

14 tr 1930	KSWK 3 KS 212	24 tr 0528	KSNK 8 NE 241	26 tr 0200	unid ch 5 ne?
	(KOOD/KSWK ID)	ms 0530	KTVO 3 MO 699		(See Note)
18 tr 0935	KSNC 2 KS 342	tr 0530	KSNK 11 KS 241		unid channel 12
	(Over KWGN-2)		(KKTV-11 off)	31 tr 0700	KLNE 3 NE 314

Note - TBS shown in lower left, later CNN Headline News; peaked ene.

Fixed the rotor on August 14th by regreasing it. What a messy job. Didn't know if I'd ever get it back together. Very little E skip early August for a below average E skip year. Tropo this summer also way below last year. Hope autumn is better.

The Perseids shower peaked around 0900 local time on August 12th with an estimated several hundred meteors a minute, the best peak I have observed in 27 years of monitoring it on 144 MHz. For almost two hours there was meteor induced E skip at times up to a least 220 MHz where I made 9 contacts. Hope some TV-DXers caught this extraordinary high band opening.

Dave Sinclair, 6565 Brooks Street, Vancouver BC V5S 3J6

PDT

Equipment:

Archer antennas: VHF-FM model 15-8654 on Channel Master Crown rotor 5 feet above roof. UHF model U-120 10 feet above roof. Archer amplifier model 15-1113, adj. 10-20 dB. Both mounted on separate chimneys (straps). Electrohome VCR VHS, Sony colour TV model KV1215, Philips converter model CT3600 which has separate inputs for cable, VHF and UHF, stereo.

June 1991

	1 tr 0230	KUTF 32 OR 288	9 Es 2230	KTVS 3 CO 1142
1 tr 0200	K27CI 27 WA 100	0245 KPDX 49 WA 252	10 tr 0130	KATU 2 OR 252
	(Everett KTZZ-22)	(over Knowledge		(CBUT-2 off air)
0215	KBSP 22 OR 288	Network rebcast)	19 Es 1830	KBME 3 ND 1045
	(Over KTZZ-22)	Es 0700	2000	KDUH 4 NE 1069
0220	KNWT 24 OR 252	8 tr 2130	KUTF 32 OR 288	2020 KOTA 3 SD 1002

Dave Sinclair (continued)

<u>Dave Sinclair (continued)</u>		<u>July 1991</u>			<u>August 1991</u>		
		18 Es 1900	KWSE	4 ND 875	4 tr 1930	K47--	47 WA
			CKX	5 MB 1034		(Unknown	KOMO- 4)
19 Es 2100	KWIF 5 ??	1905	CKBI	5 SK 790	12 Es 2007	KCRA	3 CA 757
	(New station?)	1930	CKYB	4 MB 1034	2010	KEYT	3 CA 1024
	KTWO 2 WY 916	2012	KOTA	3 SD 1002	16 tr 2130	KUTF	32 OR 288
	(Over CBUT-2 !!)	23 tr 2030	K68DL	68 WA 111			
27 Es 1600	KEYT 3 CA 1024		(Seattle	TAB)			

June 19th, KTWO-2 Wyoming was able to be identified because at that time CBUT-2, Vancouver, had a light background. CBUT's transmitter is about 12-15 miles north of my location and, at 100,000 Watts, is about 90 degrees from pickup of KTWO.

Channel three received over CBUT-2 rebroadcaster at Chilliwack, British Columbia, 56 miles east, 590 Watts erp. This rebroadcaster stays on all night with a colour bar and is fed by CBC North. CBUT's main transmitter on channel 2 signs off air.

I received and enjoyed Tom Bryant's tape of the 1990 convention and local happenings; very interesting. 73, Dave

(Channel 47 with KOMO-4 is probably K47BB at Joyce, Washington. I don't think there is anything new on channel 5. fm)

William Eckberg, 1032 Sterling Road, Dixon IL 61021

CDT

Equipment:

1966 Zenith b/w tube receiver ch 14N22, modified Zenith 175-1962 detent tuner. Channel Master 1110 VHF antenna. Channel Master 7 foot UHF parabolic antenna with RDX Labs UA900 preamplifier on a 40' tower.

<u>June 1991</u>			8 Es 1030	KPRC	2 TX 893	19 Es 1603	WTVJ	4 FL 1229
29 Es 1230	WEDU	3 FL 1031	1100	KATC	3 LA 809	1608	WPTV	5 FL 1168
1300	WUFT	5 FL 923	1128	KMID	2 TX 967	1630	WPBT	2 FL 1229
1315	WJXT	4 FL 895	1130	KBTX	3 TX 856	1800	KMID	2 TX 967
1330	WESH	2 FL 983	1225	KDFW	4 TX 738		KPRC	2 TX 893
1400	KIII	3 TX 1072	1228	KALB	5 LA 742	1808	KRGV	5 TX 1189
1420	rooster 2		1255	WEDU	3 FL 1031	1930	WTVY	4 AL 758
	(See below)		1300	KDTN	2 TX 719	2030	KRTV	3 MT 1112
1430	KDTN	2 TX 719	1505	KKTO	2 NM 972	2100	CKKX	2 AB 1293
			14 Es 1900	WEDU	3 FL 1031	2115	CKCK	2 SK 918
			17 tr 0430	CHCH	11 ON 488	20 Es 1600	WPBT	2 FL 1229
1 Es 1235	WSAV	3 GA 803	18 Es 1040	KREX	5 CO 1006	1645	WCBD	2 SC 797
1500	WCBD	2 SC 797	1130	KWGN	2 CO 811	1800	WESH	2 FL 983
1515	WESH	2 FL 983	1200	KTVM	6 MT 1151	30 Es 1625	WTVJ	4 FL 1229
2200	WPBT	2 FL 1229		KTVQ	2 MT 968		WPTV	5 FL 1168
2 Es 0008	WLBZ	2 ME 1030	1230	KFBB	5 MT 1112	1630	WPBT	2 FL 1229
4 Es 2300	WGBH	2 MA 918	1300	KIDK	3 ID 1123	1655	WESH	2 FL 983
5 Es 1930	KTVQ	2 MT 968	1325	<u>CBCEP3</u>	3 SK <u>1002</u>	2225	KKTO	2 NM 972
2000	KTWO	2 WY 849	1330	CKCK	2 SK 918	31 Es 1900	WPBT	2 FL 1229
2100	KLEW	3 ID 1360	1335	CJFB	5 SK 1029			
7 tr 0210	<u>KCCO</u>	7 MN <u>404</u>	1400	CKSA	2 AB 1206	<u>August 1991</u>		
0250	KSAX	42 MN 404	1830	WPBT	2 FL 1229	1 tr 0345	KSAX	42 MN 404
Es 1159	KDTN	2 TX 719	1930	WEDU	3 FL 1031			

August 1991

1 tr 0345 KSAX 42 MN 404

I included my June 29th loggings again. I checked the photo of an unusual test pattern on this date that took out WESH-2 for two minutes at 1420. Antenna heading was southeast at Daytona Beach. The identical test pattern is on page 48 of the October 1983 VUD. Only at the top of mine, there appears to be the head of a rooster or fighting cock. Transmission appears to have been in black and white. Double hop E skip to the Caribbean area is possible. Reception of Mexico less likely as it would have been at a 90° angle to a highly directional antenna and I hadn't seen it minutes before when pointed that direction. No one at the convention had seen it. Any help would be appreciated.

There is one August logging. Lightning hit my antenna while at the convention. Much of my DX equipment must be replaced. I am completely renewing my antenna setup.

Fred McCormack, 135 Prairiewood Drive, Fargo ND 58103

CDT

August 1991

24 tr 0804	K53CH	53 MN 215	24 tr 0817	unid 58 religion	26 tr 0550	K60EJ	60 MN 90
(St. Paul religion)			25 tr 1458	KYIN 24 IA 310	(Alexandria		WCH)



STATISTICS

FRED NORDQUIST
7945 BOXFORD RD
CLAY, NY 13041
DEADLINE: THE 5TH

UPDATED

9/ 9/91

ALL-TIME FM SCOREBOARD

DXER NAME		DXER LOCATION	TOTAL	88-92	ES	MS	AU	USA	CN	MX	FO	TPU	YB	AS	OF:
DYER	PAT	TX SAN ANTONIO	2436	390	1986	63	0	44*	4	21	5	75	70	02/28/91	
STROBEL	RALPH	IN MUNCIE	2014	532	654	155	6	43*	7	2	2	55	72	08/31/91	
BUNTIN	DANNY	OK STILLWATER	1900	317	1146	4	0	48*	5	9	2	65	74	09/01/90	
ELVING	BRUCE	MN DULUTH	1734	317	1365	9	8	47*	4	1	0	53	48	02/07/91	
EBELING	JOHN	MN BLOOMINGTON	1674	286	973	46	83	47*	6	5	0	59	52	01/01/91	
PUGH	KEITH	AL NEW HOPE	1590	238	811	44	3	43*	7	10	2	63	83	09/08/90	
FELA	JOSEPH	NJ S. PLAINFIELD	1574	328	843	2	9	37*	6	0	3	47	68	02/10/91	
NORDQUIST	FRED	NY CLAY	1573	319	776	44	59	41*	5	0	3	50	69	09/09/91	
BUGAJ	MIKE	CT ENFIELD	1502	212	834	17	23	37*	3	0	1	42	74	06/07/90	
NIEMAN	DAVID	NY AKRON	1377	376	417	48	24	43*	8	0	3	55	59	12/23/90	
MCCORMACK	FRED	ND FARGO	1339	305	990	3	52	48*	6	3	0	58	74	08/03/90	
SEYBOLD	BOB	NY DUNKIRK	1326	212	611	0	2	45	8	3	3	59	58	06/24/90	
CONIGLIO	GREG	NY WILLIAMSVILLE	1224	202	624	13	10	37*	8	1	3	50	85	01/01/91	
EBELING	JOHN	MN PROSIT	1137	212	763	3	5	48*	9	2	0	60	75	01/01/91	
JEFFERSON	JOHN	CA ANTIOCH	1130	250	662	160	0	29	4	5	0	38	74	10/17/90	
BRUMFIELD	DAVE	IN RICHMOND	897	165	325	15	0	36	4	2	2	44	81	09/01/91	
SMOLAREK	BOB	NJ OLDWICK	890	149	385	2	0	36*	3	0	1	41	78	02/18/91	
NICHIALEK	ALAN	MA SPRINGFIELD	812	106	495	0	0	36*	5	0	0	42	52	01/10/90	
OETTING	DANIEL	PA EXTON	756	190	250	9	2	34*	6	0	0	41	77	06/07/91	
ALLEN	DOUGLAS	CO WOODLAND PARK	711	116	489	44	0	39	4	3	0	46	88	10/30/90	
GREENE	GEORGE	OH AKRON	706	54	234	0	0	33*	3	0	0	37	71	03/09/91	
ROSS	ROBERT	ON LONDON	682	185	280	0	0	33	6	0	3	42	76	02/11/91	
BRUMFIELD	DAVE	IN MUNCIE	682	149	65	1	0	29	1	1	0	31	79	03/01/90	
NIENAJADLY	BILL	NJ CLIFTON	501	96	169	5	0	34*	2	0	0	37	75	07/11/90	
SHAFTON	RICHARD	NJ ROCKAWAY	459	116	142	0	0	30*	3	0	0	34	78	06/29/90	
MEADE	LARRY	IL CHICAGO	459	85	65	6	0	23	2	0	0	25	79	09/05/90	
HALL	D. BRUCE	ON BRANTFORD	403	66	9	36	0	28	4	0	1	33	90	12/18/90	
SITTEL	MATT	NC RALEIGH	330	49	58	0	2	16*	1	1	0	19	88	06/09/91	
BRANDENBURG	TODD	KS SILVER LAKE	300	46	32	0	1	24	0	0	0	24	80	09/02/90	
MANCUSO	GUS	ND CHEVERLY	259	41	31	0	0	22*	0	0	0	23	70	03/26/91	
HEPBURN	WILLIAM	ON MISSISSAUGA	251	93	62	1	0	24*	1	0	1	27	79	02/04/90	
MANCUSO	GUS	WV BIRCH RIVER	228	20	4	0	0	15	0	0	0	15	87	03/26/91	
HAWK	MIKE	NE OMAHA	211	36	4	1	0	9	1	0	0	10	91	08/19/91	
RENFREW	JIM	NY ROCHESTER	185	37	2	0	0	6*	2	0	0	20	9	06/15/91	
MEADE	LARRY	KY PRICE	165	35	0	14	0	10*	0	0	0	11	79	09/05/90	
WHEELER	FRANK	PA ERIE	162	23	2	0	0	8	1	0	0	9	64	08/20/90	
ONYSCHUK	KEN	IL RIVERDALE	141	30	0	0	0	7	0	0	0	7	68	06/30/91	

* VERIFIED.

COLUMN DEFINITIONS: are as follows: Total = Total number of FM stations logged from DXer's location (All loggings should be received within 25 mile radius of this location to count.) Freq. changes count as a station, call letter changes DO NOT count. Also count a station only once regardless if logged by different propagation modes. 88-92 = All stations logged from 88.0 to 91.99 Mhz. Es = Total number of stations logged via E-skip. MS = Total by meteor scatter. Au = Total via Aurora. USA = Total number of states and the "*" = Washington, DC. CN = Number of Canadian provinces logged. MX = Number of Mexican states logged. FO = Number of foreign countries, but not Canada or Mexico. TPU (Total number of political units) = Sum of USA CN MX and FO. YB = The year you began DXing from this location. Other groundrules for computing log totals are included in AUGUST 88 VUD Page 48. Note: This is a listing of entries received after 1989. Please update/submit your latest stats to keep on the Scoreboard. 73-Fred

I just compiled on my PC hard drive an ASCII data base of cities in North and Central America giving the grid coordinates of all cities that have FM/TV stations (excluding transmitters). The data base is organized into files for each political unit (e.g. states/provinces/foreign political units), and is used in conjunction with a BASIC computer program to calculate Great Circle distances between DXer locations and DX stations. This program is used to check distance records for Statistics. This computer program can also calculate the distances (in miles and/or kilometers) of all cities in the data base from any DXers location. If you are not concerned with knowing the exact distances of the transmitter tower locations from the center of each city, then you may want to have a printout of this data base for your location to assist you in including distances with your DX reports in the VUD. If interested, write me for details. 73 - Fred.

STATES STATS
USA

PU	#	DXER	#	DXER	PU	#	DXER	#	DXER	PU	#	DXER	#	DXER	KEY TO DXER INITIALS/LOCATION
AL	106	KPU-	56	JEB-	LA	72	RSA-	63	BEL2	OH	219	RST-	177	FME-	AMI- ALAN MICHAEL MA SPRINGFIELD
AK	11	JJE3	0	None	NE	40	RST2	30	KPU-	OK	122	DBU-	51	FNO-	BEL2 BRUCE ELVING MA DULUTH
AZ	48	PDY-	36	JJE2	ND	54	JFE-	48	GMA-	DR	31	JPI-	29	FMC2	DAL- DOUG ALLEN CO WOODLAND PARK
AR	86	DOD-	61	VEA-	MA	94	RST2	77	ABU-	PA	157	DNI-	133	FNO-	DBR- DAVE BRUMFIELD IN MUNCIE/RICHMOND
CA	360	JJE2	120	PDY-	MI	156	RST-	139	FME-	RI	14	WNO-	12	RST2	DBU- DANNY BUNTIN IN STILLWATER
CO	107	DAL-	69	JJE2	MI	169	JEB-	155	JEB2	SC	54	RSI1	53	PDY-	DNI- DAVID NIEMAN NY AKRON
CT	49	ABU-	42	AMI-	MS	78	KPU-	64	TMC-	SD	39	KPU-	35	JJE2	DDD- DAVID ODELL AR LITTLE ROCK
DE	13	DOE-	11	JFE-	MO	118	FME1	84	DBU-	TN	110	KPU-	93	JAY-	DOE- DANIEL OETTING PA BROOMALL
FL	146	DBU-	142	PDY-	MT	29	JJE2	25	JPI-	TX	298	PDY-	211	RSA-	FMC- FRED MCCORMACK MD DES LACS
GA	102	KPU-	92	PDY-	NE	57	MMA-	50	JJE2	UT	29	PDY-	22	DBU-	FMC2 FRED MCCORMACK MD FARGO
HI	0	None	0	None	NV	24	PDY-	24	DBU-	VT	14	KPU-	13	AMI-	FME- FRANK MERRILL MI MILAN
ID	28	DBU-	26	PDY-	NH	27	RST2	17	AMI-	VA	61	MSI1	59	DBU-	FME1 FRANK MERRILL IL RACOMB
IL	198	FME1	196	RST-	NJ	74	JFE-	69	RSM-	WA	46	FMC2	30	JJE2	FNO- FRED NORDQUIST NY CLAY
IN	179	RST-	132	DBR-	NY	45	JJE2	44	JPI-	WV	39	RST-	33	FME-	GMA- GUS MANDUSO IN CHEVERLY
IA	120	RBR-	102	JEB-	NY	209	FNO-	172	DNI-	WI	136	BEL2	120	JEB-	JAY- JIM AYERS ND McFreesboro
KS	89	DBU-	78	TBR-	NC	117	MSI1	79	PDY-	WY	26	RST-	24	PDY-	JEB- JOHN EBELING MN BROOKINGTON
KY	101	RST-	69	DBR-	ND	34	FMC-	34	FMC2	DC	13	GMA-	13	DNI-	JEB2 JOHN EBELING MN PROSIT

CANADA/MEXICO/FOREIGN STATS

PU	#	-DXER	#	-DXER	PU	#	-DXER	#	-DXER	PU	#	-DXER	#	-DXER	
CANADA					MEXICO (CONT)					MEXICO (CONT)					
AB	28	JEB2	26	JJE2	CHI	8	FME1	6	FMC-	SLP	2	TMC-	0	None	KPU- KEITH PUGH AL NEW HOPE
BC	20	JJE2	11	JJE2	DHP	3	PDY-	0	None	SOM	3	JJE2	3	PDY-	MBU- MIKE BUGAJ CT ENFIELD
MB	15	FMC-	13	FMC2	COA	8	FME1	6	PDY-	TAB	2	TMC-	2	PDY-	MMA- MIKE HAWK NE OMAHA
NB	9	FME1	6	RST-	DF	21	TMC-	21	JPI-	TAM	8	PDY-	6	KPU-	MSI- MATT SITTEL TN KINGSPORT
NF	13	FNO-	12	DNI-	DUR	1	PDY-	0	None	VCZ	9	JPI-	6	KPU-	MSI- MATT SITTEL NC RALEIGH
NS	15	FME1	9	KPU-	GRD	5	PDY-	1	JPI-	YUC	2	JPI-	2	PDY-	PDY- PAT DYER TX SAN ANTONIO
ON	114	DNI-	80	FNO-	STO	9	JPI-	2	TMC-						RBR- ROGER BROWN IA AMES
PEI	2	JFE-	2	RST-	HGO	1	JPI-	0	None	FOREIGN					RSA- RICK SANFORD TX BURNETT
PQ	28	FME1	26	DNI-	JAL	12	TMC-	10	PDY-	CUBA	6	RST-	5	FME1	RSC- ROBERT SCHWEITZER NJ E BRUNSWICK
SK	9	JJE2	8	FME1	MEX	3	JPI-	3	PDY-	BELIZ	3	PDY-	1	JPI-	RSM- ROBERT SNOLAREK NJ OLDWICK
NMT	1	WHE2	1	JEB2	MIC	3	JPI-	1	PDY-	BERMU	3	DNI-	2	FNO-	RST- RALPH STROBEL IN MUNCIE
					NOR	5	PDY-	3	JPI-	EL SA	4	PDY-	1	KSI-	RST2 RICHARD STEINBERGER MA HUDSON
MEXICO					NL	16	PDY-	14	KPU-	GUATE	11	PDY-	4	KSI-	SCH- SAUL CHERNOS ON BURNT RIVER
AGU	1	JPI-	0	None	OAX	1	JPI-	1	PDY-	HONDU	2	KSI-	2	PDY-	SWE- STEVE WEST IN HAVERTOWN
BCN	14	PDY-	10	FMC-	RAY	1	PDY-	0	None	JAMA1	14	KPU-	3	JPI-	TBR- TODD BRANDENBURG KS SILVER LAKE
BCS	1	PDY-	0	None	PUY	5	PDY-	4	TMC-	PUERT	4	KSI-	1	DNI-	TMC- TIM MCVEY TN BOLIVAR
CAM	1	JPI-	0	None	SIN	2	JJE2	1	DBU-	D.REP	1	KSI-	0	None	VEA- VERNON EATON AR BENTON
										BAHAN	1	FNO-	0	None	WHE1 WILLIAM HEPBURN ON CORNWALL
															WHE2 WILLIAM HEPBURN NT CORAL HARBOR

ABOVE STATS REPRESENT MOST NO. OF STATIONS LISTED FOR EACH POLITICAL UNIT (PU) LOGGED FROM A SINGLE SPECIFIED DXER'S LOCATION.
FIRST AND SECOND PLACE DXERS ARE LISTED ONLY. OTHERS THAT ARE TIED FOR SECOND ARE NOT LISTED...FJM

PERSONAL BESTS - FM STATISTICS - 9/91

CHANNEL METRICS - Daniel Detting - Exton PA - (6/7/91)

MHZ	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	TOTAL
.1	14	6	6	7	29	6	4	9	11	11	4	6	4	3	3	4	5	6	5	6	149
.3	7	6	9	14	11	5	6	21	5	11	7	4	12	5	5	9	3	3	4	6	153
.5	14	8	13	12	5	5	4	13	4	8	13	3	5	7	7	7	3	8	9	5	153
.9	9	13	5	9	6	5	8	4	6	14	8	1	7	6	4	8	6	7	5	5	136
.9	7	8	5	8	19	3	16	12	8	5	2	10	6	5	3	4	5	8	6	10	150
TOTAL	51	41	38	50	70	24	38	59	34	49	34	24	34	26	22	32	22	32	29	32	741

CHANNEL METRICS - Mike Hawk - Omaha NE - (8/19/91)

MHZ	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	TOTAL
.1	2	2	2	3	2	1	1	1	1	0	3	2	0	2	2	1	2	2	2	3	34
.3	1	3	1	1	1	3	0	1	1	4	1	3	3	3	2	2	2	2	4	3	41
.5	4	2	1	2	1	2	4	2	5	1	1	2	1	6	1	1	1	5	4	2	48
.9	1	2	1	3	2	3	2	5	0	2	2	2	1	2	1	1	1	2	2	5	41
.9	1	2	2	1	2	1	4	0	1	2	2	1	0	2	6	2	4	1	4	3	41
TOTAL	9	11	7	10	8	10	11	9	8	9	9	10	5	14	11	8	11	13	16	16	205

Farthest Est: WCVU 94.5 FL 1310 Ft. Farthest Tr: WBC1-107.5 452 Ft. Closest unheard states: WI (Mike Hawk)

SUPER-CHARGE YOUR PIONEER SUPERTUNER III

BY BILL NOLLMAN

This Is just one more case of a consumer product falling somewhat short of DXers expectations...but we can fix that!

The older models of the Pioneer Supertuner III (the ones with green backlighting) were nice car stereos in that they were fairly sensitive and included a MONO/STEREO switch. Unfortunately the honest folks at an unnamed local car dealers repair shop also liked my KE-A380, and so it goes.

So about 2 years ago I purchased a new Supertuner III (the model KEH-5656 - with orange backlighting) which, if you go by the numbers, has a much more impressive FM tuner in it. If you go by DXer friendliness it leaves a few things out. In all their infinite wisdom the engineers at Pioneer left out the MONO/STEREO switch. And if that were not bad enough they added a Hi-Blend muting circuit so that as a signal fades, so too does the volume and the hi frequencies. So long to that weak station on 99.7.

Well, as luck would have it I got my hands on another KEH-5656 and figured if I played with the innards of one I'd have a second to compare it to should I really foul up anything. Here's what I found...

1) The original IF filters are either 180KHz or 150KHz because putting in two 150's made no difference in selectivity. When I put in two 110KHz filters things began to happen. Put simply 20 adjacent channels became either more usable or totally clear (except for the stations that were suddenly there.)

2) The Hi-Blend Muting is almost fully defeatable by turning Variable Resistor (VR51) fully counterclockwise.

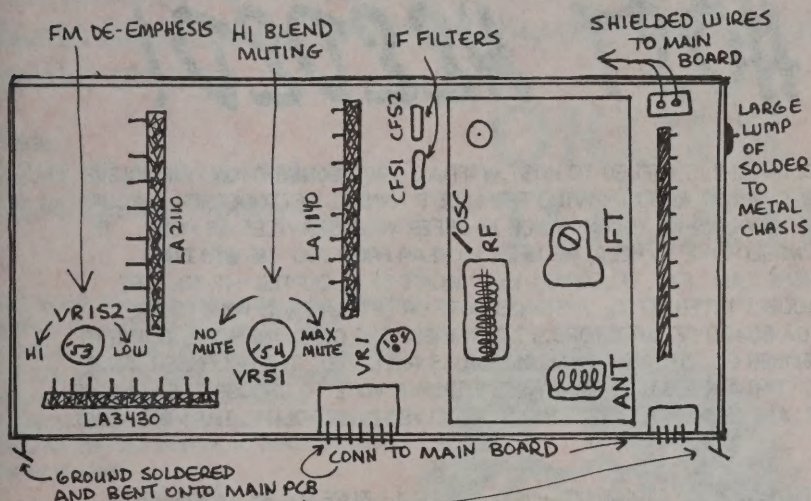
3) FM Hi-end which I always thought was a little weak can be boosted by VR152. Counterclockwise for more. This is probably the FM de-emphasis control.

4) If you have this tuner or a similar one there is a STEREO WIDE circuit (used in a few other models) that is on the front panel just below preset 4. If your model has this there is a cut out on the faceplate with a blank plug in it. The button and contacts that activate the feature are just behind the faceplate. One thing, with 110KHz filters this feature did not seem to work even though the LCD had STEREO-WIDE lit.

The biggest trouble I had was getting the chassis apart the first time. After that it's a breeze. If anyone out there wants to try and modify there Supertuner III I'd be glad to help in any way possible. The benefits are certainly worth it. If you need help feel free to call 203-633-2490.

SUPER-CHARGE YOUR PIONEER SUPERTUNER III.

THE PIONEER SUPERTUNER III MODULE IS LOCATED AGAINST THE RIGHT SIDE OF THE RADIO BEHIND THE TUNING KNOB. THERE ARE THREE SOLDER POINTS THAT MUST BE REMOVED TO PULL THE BOARD OUT FROM THE MAIN BOARD SO THAT YOU CAN UNSOLDER THE IF FILTERS. THE MUTING CONTROLS CAN BE ADJUSTED JUST BY TAKING OFF THE METAL CASE OF THE RADIO.



STATION BREAK

c/o WTFDA STATIONBREAK
PO Box 514
Buffalo, NY 14205-0514

WTFDA member ads only. Items may be edited to conserve space.

WANTED - I collect airchecks and I need someone in the Chattanooga, TN area to record a station for me. I will pay. Call (919) 489-2164 or write to: Ed Best - 2826 Stuart Dr. - Durham NC 27701

FOR SALE - Antennacraft - P-7 7' UHF parabolic (new design) \$89.95 + \$8.00 UPS. P-5 5' parabolic (new design) \$62.00 + \$7.00 UPS...new MXU-59 100" corner reflector yagi high gain UHF \$53.00 + \$6.00 UPS. ST-1 scanner antenna covers 30 - 900 MHz \$35.00 + \$4.00 UPS. GFM-10 10 element FM antenna \$35.00 + \$5.00 UPS. Also: (too numerous to list here) low band and highband TV broadband antennas, Channel Master, Winegard, Blonder-Tongue antennas, amplifiers and accessories coax cable, outdoor matching transformers, rotors. Call for anything not listed in the product lines above. Certified check or money orders only. Rich Wertman - 6150 Crosby Rd. - Lockport NY 14094 - (716) 433-0805

FOR SALE - Pioneer TVX 9500 TV tuner (IF modified), a poor man's R-7000. Sold for \$250 1978-80. Two in stock. \$55 each. Pioneer TX 9100 (IF modified) \$140. Pioneer TX 8500 II (IF modified) \$130. Sansui TU-517 (IF modified) \$130. Other tuners (IF modified) from \$40. All antennacraft antennas at dealer cost as usual. NEW: FM-13 preassembled \$99.95. Plus UPS on all above. Send large SASE for more info on antennas and tuners. Doug Allen - P.O. Box 5646 - Woodland Park CO 80866 (719) 687-3549 no collect calls please

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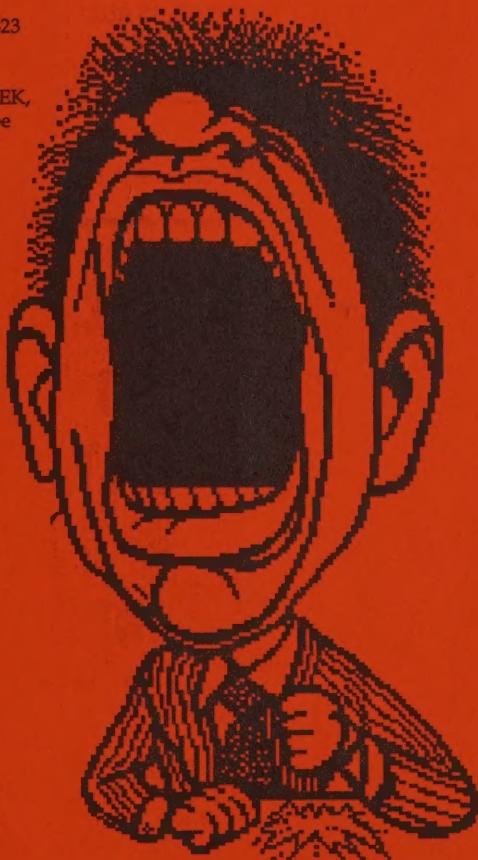
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